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### 发表论文

## 2018年SCI论文

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序号	论文名称	期刊名称	作者	卷、期、页
1	Direct electrochemical Vibrio DNA sensing adopting highly stable graphene-flavin mononucleotide aqueous dispersion modified interface	ACS Applied Materials & Interfaces	Tao Yang, Huaiyin Chen, Zhiwei Qiu, Renzhong Yu, Shizhong Luo, Weihua Li, Kui Jiao	2018, 10(5): 4540-4547
2	Sulfur-and Carbon-Codoped Carbon Nitride for Photocatalytic Hydrogen Evolution Performance Improvement	ACS Sustainable Chemistry & Engineering	Huiwen Tian, Xiaoying Zhang, Yuyu Bu	2018, 6(6): 7346-7354
3	Fabrication of InVO <sub>4</sub> /AgVO <sub>3</sub> heterojunctions with enhanced photocatalytic antifouling efficiency under visible-light	Applied Catalysis B-environmental	Xin Zhang, Jie Zhang, Jianqiang Yu, Yan Zhang, Zhaoxia Cui, Yan Sun, Baorong Hou	2018, 220, 57-66
4	Sb <sub>2</sub> S <sub>3</sub> /Sb <sub>2</sub> O <sub>3</sub> modified TiO <sub>2</sub> photoanode for photocathodic protection of 304 stainless steel under visible light	Applied Surface Science	Xinran Li, Xiutong Wang, Xiaobo Ning, Jing Lei, Jing Shao, Wencheng Wang, Yanliang Huang, Baorong Hou	2018, 462, 155-163
5	Delamination and self-assembly of layered double hydroxides for enhanced loading capacity and corrosion protection performance	Applied Surface Science	Ang Liu, Huiwen Tian, Weihua Li, Wei Wang, Xiang Gao, Peng Han, Rui Ding	2018, 462, 175-186
6	The anti-biofouling behavior of high voltage pulse electric field (HPEF) mediated by carbon fiber composite coating in seawater	Bioelectrochemistry	Tiantian Feng, Jinyi Wu, Ke Chai, Pengpeng Yang	2018, 137-144

7	Influence of calcium ion in concrete pore solution on the passivation of galvanized steel bars	Cement and Concrete Research	Haibing Zheng, Jianguo Dai, Chi Sun Poon, Weihua Li	2018, 108, 46-58
8	Facile fluorine-free one step fabrication of superhydrophobic aluminum surface towards self-cleaning and marine anticorrosion	Chemical Engineering Journal	Binbin Zhang, Qingjun Zhu, Yantao Li, Baorong Hou	2018, 352, 625-633
9	Accelerated self-healing performance of magnetic gradient coating	Chemical Engineering Journal	Wei Wang, Weihua Li, Weijie Fan, Xiaoying Zhang, Liying Song, Chuansheng Xiong, Xiang Gao, Xiaojie Liu	2018, 332, 658-670
10	Effectively enhanced photocatalytic hydrogen production performance of one-pot synthesized MoS <sub>2</sub> clusters/CdS nanorod heterojunction material under visible light	Chemical Engineering Journal	Chang Feng, Zhuoyuan Chen, Jian Hou, Jiarun Li, Xiangbo Li, Likun Xu, Mingxian Sun, Rongchang Zeng	2018, 345, 404-413
11	Chloride ions transportation behavior and binding capacity of concrete exposed to different marine corrosion zones	Construction & Building Materials	Zuquan Jin, Xia Zhao, Tiejun Zhao, Jiangqing Li	2018, 177, 170-183
12	Numerical and experimental study of moisture and chloride transport in unsaturated concrete	Construction and Building Materials	Congtao Sun, Liqiang Yuan, Xiaofan Zhai, Feng Qu, Yantao Li, Baorong Hou	2018, 189, 1067-1075
13	Influence of chloride ion on depassivation of passive film on galvanized steel bars in concrete pore solution	Construction and Building Materials	Haibing Zheng, Jianguo Dai, Weihua Li, Chi Sun Poon	2018, 166, 572-580
14	Study of corrosion behavior of copper in 3.5wt.% NaCl solution containing extracellular polymeric substances of an aerotolerant sulphate-reducing bacteria	Corrosion Science	Shiqiang Chen, Dun Zhang	2018, 136, 275-284
15	Preparation of Superhydrophobic Micro-needle CuO Surface as a Barrier against Marine Atmospheric Corrosion	Corrosion Science	Wenwen Dou, Jiajia Wu, Tingyue Gu, Peng Wang, Dun Zhang	2018, 131, 156-163

16	Controlled delivery of multi-substituted triazole by metal-organic framework for efficient inhibition of mild steel corrosion in neutral chloride solution	Corrosion Science	Huiwen Tian, Weihua Li, Ang Liu, Xiang Gao, Peng Han, Rui Ding, Cuizhen Yang, Dapeng Wang	2018, 131, 1-16
17	Preparation of phytic acid conversion coating and corrosion protection performances for steel in chlorinated simulated concrete pore solution	Corrosion Science	Chuansheng Xiong, Weihua Li, Zuquan Jin, Xiang Gao, Wei Wang, Huiwen Tian, Peng Han, Liying Song, Linhua Jiang	2018, 139, 275-288
18	Dramatically enhanced photoelectrochemical properties and transformed p/n type of g-C <sub>3</sub> N <sub>4</sub> caused by K and I co-doping	Electrochimica Acta	Jiangping Jing, Zhuoyuan Chen, Chang Feng	2018, 297, 488-496
19	Enhanced visible light-driven activity of TiO <sub>2</sub> nanotube array photoanode co-sensitized by "green" AgInS <sub>2</sub> photosensitizer and In <sub>2</sub> S <sub>3</sub> buffer layer	Electrochimica Acta	Mengmeng Sun, Zhuoyuan Chen, Jiarun Li, Jian Hou, Fengling Xu, Likun Xu, Rongchang Zeng	2018, 269, 429-440
20	Coaxial titanium vanadium nitride core-sheath nanofibers with enhanced electrocatalytic activity for triiodide reduction in dye-sensitized solar cells	Electrochimica Acta	Xiaoying Zhang, Yilei Hao, Chaoqun Shang, Xiao Chen, Weihua Li, Songqing Hu, Guanglei Cui	2018, 271, 388-396
21	Phenazine enables the anaerobic respiration of Pseudomonas aeruginosa via electron transfer with a polarised graphite electrode	International Biodeterioration & Biodegradation	Fang Guan, Xuechan Yuan, Jizhou Duan, Xiaofan Zhai, Baorong Hou	2018, 137, 8-13
22	D-phenylalanine inhibits the corrosion of Q235 carbon steel caused by Desulfovibrio sp	International Biodeterioration & Biodegradation	Ee Li, Jijia Wu, Dun Zhang, Yan Sun, Juna Chen	2018, 127, 178-184
23	Study of the photoelectrochemical cathodic protection mechanism for steel based on the SrTiO <sub>3</sub> -TiO <sub>2</sub> composite	Journal of Alloys & Compounds	Yuyu Bu, Zhuoyuan Chen, Jinping Ao, Jian Hou, Mingxian Sun	2018, 731, 1214-1224

24	A brief introduction to corrosion protective films and coatings based on graphene and graphene oxide	Journal of Alloys & Compounds	Rui Ding, Weihua Li, Xiao Wang, Taijiang Gui, Bingjun Li, Peng Han, HuiwenTian, Ang Liu, Xin Wang, Xiaojie Liu, Xiang Gao, Wei Wang, Liying Song	2018, 764, 1039-1055
25	Study of water permeation dynamics and anti-corrosion mechanism of graphene/zinc coatings	Journal of Alloys and Compounds	Rui Ding, Yan Zheng, Haibin Yu, Weihua Li, Xiao Wang, Taijiang Gui	2018, 748, 481-495
26	Optimized preparation of Co-Pi decorated g-C <sub>3</sub> N <sub>4</sub> @ ZnO shell-core nanorod array for its improved photoelectrochemical performance and stability	Journal of Alloys and Compounds	Mengmeng Sun, Zhuoyuan Chen, Xuhong Jiang, Chang Feng, Rongchang Zeng	2018, 780, 540-551
27	Heterojunctions of $\beta$ -AgVO <sub>3</sub> /BiVO <sub>4</sub> composites for enhanced visible-light-driven photocatalytic antibacterial activity	Journal of Alloys and Compounds	Zhenbo Xiang, Yi Wang, Zhiqing Yang, Dun Zhang	2018, 776, 266-275
28	3D ZnIn <sub>2</sub> S <sub>4</sub> nanosheets/TiO <sub>2</sub> nanotubes as photoanodes for photocathodic protection of Q235 CS with high efficiency under visible light	Journal of Alloys and Compounds	Hong Li, Yanhui Li, Xiutong Wang, Baorong Hou	2018, 771, 892-899
29	Releasing kinetics of dissolved copper and antifouling mechanism of cold sprayed copper composite coatings for submarine screen doors of ships	Journal of Alloys and Compounds	Ding Rui, Xiangbo Li, Wang Jia, Weihua Li, Wang Xiao, Taijiang Gui	2018, 763, 525-537
30	Ultrafast one step construction of non-fluorinated superhydrophobic aluminum surfaces with remarkable improvement of corrosion resistance and anti-contamination	Journal of Colloid and Interface Science	Binbin Zhang, Weichen Xu, Qingjun Zhu, Yantao Li, Baorong Hou	2018, 532, 201-209
31	Enhancement in the photocatalytic antifouling efficiency over cherimoya-like InVO <sub>4</sub> /BiVO <sub>4</sub> with a new vanadium source	Journal of Colloid and Interface Science	Xin Zhang, Jie Zhang, Jianqiang Yu, Yan Zhang, Fengkai Yu, Lei Jia, Yunling Tan, Yimen Zhu, Baorong Hou	2018, 533, 358-368

32	Synergistic effect of mixing cationic and nonionic surfactants on corrosion inhibition of mild steel in HCl: Experimental and theoretical investigations	Journal of Colloid and Interface Science	Peng Han, Changfeng Chen, Weihua Li, Haobo Yu, Yizhen Xu, Lei Ma, Yanjun Zheng	2018, 516, 398-406
33	A novel ion-exchange strategy for the fabrication of high strong BiOI/BiOBr heterostructure film coated metal wire mesh with tunable visible-light-driven photocatalytic reactivity	Journal of Hazardous Materials	Yi Wang, Yang Long, Zhiqing Yang, Dun Zhang	2018, 351, 11-19
34	Enhancement of the corrosion resistance of epoxy coating by highly stable 3, 4, 9, 10-perylene tetracarboxylic acid functionalized graphene	Journal of Hazardous Materials	Tao Yang, Yanan Cui, Zeshan Li, Hui Zeng, Shizhong Luo, Weihua Li	2018, 357, 475-482
35	Photogenerated-Carrier Separation along Edge Dislocation of WO <sub>3</sub> Single Crystal Nanoflower Photoanode	Journal of Materials Chemistry A	Yuyu Bu, Jun Ren, Huawei Zhang, Dongjiang Yang, Zhuoyuan Chen, Jin Ping Ao	2018, 6, 18
36	A novel solvent-free strategy for the synthesis of bismuth oxyhalides	Journal of Materials Chemistry A	Yang Long, Qiang Han, Zhiqing Yang, Yongjian Ai, Yi Wang, Shaoai Sun, Qionglin Liang, Mingyu Ding	2018, 27, 13005-13011
37	Designing and fabricating of time-depend self-strengthening inhibitor film: Synergistic inhibition of sodium dodecyl sulfate and 4-mercaptopyridine for mild steel	Journal of Molecular Liquids	Peng Han, Weihua Li, Huiwen Tian, Xiang Gao, Rui Ding, Chuansheng Xiong, Changfeng Chen	2018, 268, 425-437
38	Study on the Mechanism of the Photoelectrochemical Effect on the Initial NaCl-Induced Atmospheric Corrosion Process of Pure Copper Exposed in Humidified Pure Air	Journal of The Electrochemical Society	Hengte Li, Zhuoyuan Chen, Xingchen Liu, Jian Hou, Mingxian Sun, Rongchang Zeng	2018, 165(10): 608-617

39	Synthesis and Photocathodic Protection Properties of Nanostructured SnS/TiO <sub>2</sub> Composites	Journal of The Electrochemical Society	Jing Shao, Zhao-De Zhang, Xiu-Tong Wang, Xiao-Dong Zhao, Xiao-Bo Ning, Jing Lei, Xin-Ran Li, Bao-Rong Hou	2018, 165(10): 601-606
40	pH-Responsive Containers Based on Modified Hollow TiO <sub>2</sub> for Active and Passive Protection of Carbon Steel	Journal of The Electrochemical Society	Xuehui Liu, Chuanjun Gu, Zheng Ma, Xiumin Ma, Baorong Hou	2018, 165(3): 145-154
41	N-doped mesocarbon microbeads-carbon nanotubes as high performance counter electrodes of a dye-sensitized solar cell	Journal of the Taiwan Institute of Chemical Engineers	Xiaoying Zhang, Yanhua Yue, Weihua Li, Guanglei Cui, Jinquan Wang	2018, 93, 485-491
42	A 3-dimensional C/CeO <sub>2</sub> hollow nanostructure framework as a peroxidase mimetic, and its application to the colorimetric determination of hydrogen peroxide	Microchimica Acta	Nan Wang, Jizhou Duan, Weijie Shi, Xiaofan Zhai, Fang Guan, Lihui Yang, Baorong Hou	2018, 185(9): 417
43	Metastable $\alpha$ -AgVO <sub>3</sub> microrods as peroxidase mimetics for colorimetric determination of H <sub>2</sub> O <sub>2</sub>	Microchimica Acta	Yi Wang, Dun Zhang, Jin Wang	2018, 185(1): 1
44	Preparation of ZnWO <sub>4</sub> /TiO <sub>2</sub> composite film and its photocathodic protection for 304 stainless steel under visible light	Nanotechnology	Xiutong Wang, Jing Lei, Qian Shao, Xinran Li, Xiaobo Ning, Jing Shao, Jizhou Duan, Baorong Hou	2018, 30(4): 045710
45	Preparation and photocathodic protection property of ZnIn <sub>2</sub> S <sub>4</sub> /RGO/TiO <sub>2</sub> composites for Q235 carbon steel under visible light	Nanotechnology	Yanhui Li, Wang Meng, Niu Zhen, Xiutong Wang, Baorong Hou	2018, 29, 43, 435706
46	ZnFeAl-layered double hydroxides/TiO <sub>2</sub> composites as photoanodes for photocathodic protection of 304 stainless steel	Scientific Reports	Xiutong Wang, Xiaobo Ning, Qian Shao, Shengsong Ge, Zhiying Fei, Jing Lei, Baorong Hou	2018, 2018(8): 4116
47	Multivalent Glycosylated Cu:CdS Quantum Dots as a Platform for Rapid Bacterial Discrimination and Detection	Sensors & Actuators B Chemical	Peng Qi, Xiaotong Chen, Yan Sun, Dun Zhang	2018, 254, 431-436

48	A ratiometric electrochemical deoxyribonucleic acid sensing strategy based on self-signal of highly stable reduced graphene oxide-flavin mononucleotide aqueous dispersion modified nanointerface	Sensors & Actuators B Chemical	Tao Yang, Renzhong Yu, Sumin Liu, Zhiwei Qiu, Shizhong Luo, Weihua Li, Kui Jiao	2018, 267, 519-524
49	Label-free simultaneous sensor for multi-components detection based on G-Quadruplex DNA structure	Sensors & Actuators B Chemical	Yan Zeng, Dun Zhang, Peng Qi, Laibao Zheng	2018, 265, 468-475
50	A simple, rapid and cost-effective colorimetric assay based on the 4-mercaptophenylboronic acid functionalized silver nanoparticles for bacteria monitoring	Sensors & Actuators B Chemical	Laibao Zheng, Peng Qi, Dun Zhang	2018, 260, 983-989
51	DNA-templated fluorescent silver nanoclusters for sensitive detection of pathogenic bacteria based on MNP-DNAzyme-AChE complex	Sensors and Actuators B: Chemical	Laibao Zheng, Peng Qi, Dun Zhang	2018, 276, 42-47
52	An integrated multifunctional photoelectrochemical platform for simultaneous capture, detection, and inactivation of pathogenic bacteria	Sensors and Actuators B: Chemical	Zhiqing Yang, Yi Wang, Dun Zhang	2018, 274, 228-234
53	Electrodeposition of gold nanoparticles on Cu-based metal-organic framework for the electrochemical detection of nitrite	Sensors and Actuators B- chemical	Huaiyin Chen, Tao Yang, Faqian Liu, Weihua Li	2018,286, 401-407
54	A novel signal-on photoelectrochemical sensing platform based on biosynthesis of CdS quantum dots sensitizing ZnO nanorod arrays	Sensors & Actuators B Chemical	Zhiqing Yang, Yi Wang, Dun Zhang	2018, 261, 515-521
55	Characteristics and anticorrosion performance of WSe <sub>2</sub> /TiO <sub>2</sub> nanocomposite materials for 304 stainless steel	Surface & Coatings Technology	Qinyi Wei, Xiutong Wang, Xiaobo Ning, Xinran Li, Jing Shao, Hong Li, Wencheng Wang, Yanliang Huang, Baorong Hou	2018, 352, 26-32
56	Corrosion behavior of the chitosan zinc composite films in sulfate-reducing bacteria	Surface & Coatings Technology	Xiaofan Zhai, Ke Li, Fang Guan, C Sun, Jizhou Duan, Baorong Hou	2018, 344, 259-268

57	Ultrasound-assisted synthesis of wear-resistant Zn-Ferrocene composite coatings with high anticorrosive properties in alkaline environments	Surface and Coatings Technology	Xiaofan Zhai, Ke Li, Fang Guan, Nan Wang, Maria Agievich, Jizhou Duan, Baorong Hou	2018, 356, 19-28
58	A sensitizing photoelectrochemical sensing platform strategy based on bioetching preparation of Bi <sub>2</sub> S <sub>3</sub> /BiOCl p - n heterojunction	Talanta	Zhiqing Yang, Yi Wang, Dun Zhang, Chao Chen	2018, 190, 357-362
59	Mathematical model relating dynamic dewatering process of fresh mortar and its composition	Ksce Journal of Civil Engineering	Tao Ji, Xiaoying Zhang, Xiong Zhang, Yongjuan Zhang, Caiyong Gu, Weihua Li	2018, 22(2): 670-678
60	Predicting Radionuclide Release Rates from Spent Nuclear Fuel inside a Failed Waste Disposal Container Using a Finite Element Model	Corrosion	Nazhen Liu, Ziyang Zhu, Linda Wu, Zack Qin, James Noel, David Shoesmith	2018, 75(3): 302-308
61	Bi <sub>2</sub> Se <sub>3</sub> Sensitized TiO <sub>2</sub> Nanotube Films for Photogenerated Cathodic Protection of 304 Stainless Steel Under Visible Light	Nanoscale Research Letters	Wencheng Wang, Xiutong Wang, Ning Wang, Xiaobo Ning, Hong Li, Dongzhu Lu, Xiangju Liu, Qichao Zhang, Yanliang Huang	2018, 13(1): 295
62	Accelerated corrosion of 316L stainless steel in simulated body fluids in the presence of H <sub>2</sub> O <sub>2</sub> and albumin	Materials Science and Engineering: C	Weichen Xu, Fei Yu, Lihui Yang, Binbin Zhang, Baorong Hou, Yantao Li	2018, 92, 11-19
63	Self-healing and anti-corrosion performances of 1, 2, 4 - Triazole modified nano-silica hydrogels	Colloid and Interface Science Communications	Xin Wang, Wei Wang, Ang Liu, Weijie Fan, Rui Ding, Huiwen Tian, Peng Han, Weihua Li	2018, 27, 11-17
64	Controlled Release of Nitrate and Molybdate Intercalated in Zn-Al-Layered Double Hydroxide Nanocontainers towards Marine Anticorrosion Applications	Colloid & Interface Science Communications	Weihua Li, Ang Liu, Huiwen Tian, Dapeng Wang	2018, 24, 18-23
65	Designing a transparent organogel layer with self-repairing property for the inhibition of marine biofouling	Colloids & Surfaces A Physicochemical & Engineering Aspects	Hao Zhang, Peng Wang, Dun Zhang	2018, 538, 140-147



66	Effect of Visible Light Illumination on the Atmospheric Corrosion Behaviors of Pure Copper Pre-deposited with NaCl Particles	International Journal of Electrochemical Science	Xingchen Liu, Zhuoyuan Chen, Jian Hou, Jiarun Li, Xiaoying Sun, Mingxian Sun	2018, 13, 12238-12255
67	Electrochemical corrosion kinetics of cold spray copper composite coatings in a high potential region	International Journal of Chemical Kinetics	Ding Rui, Li Xiangbo, Wang Jia, Li Weihua, Li Bingjun, Wang Xiao, Gui Taijiang	2018, 50(11): 784-803
68	Inhibition Behavior of Chitooligosaccharide Derivatives for Carbon Steel in 3.5% NaCl Solution	International Journal of Electrochemical Science	Fubin Ma, Yan Zhang, Hongjuan Wang, Weihua Li, Baorong Hou	2018, 13(1): 235-249
69	Corrosion Behavior of 9% Ni Steel for LNG Storage Tanks in 3.5 wt.% NaCl Solution	International Journal of Electrochemical Science	Ming Qin, Weichen Xu, Lihui Yang, Yantao Li	2018, 13(7): 6537-6549
70	Initial NaCl-induced atmospheric corrosion of a dual-phase Cu60-40Zn alloy- Effect of UV illumination	International Journal of Electrochemical Science	Xiaoying Sun, Zhuoyuan Chen, Jiarun Li, Jian Hou, Likun Xu	2018, 13(8): 8150-8169
71	Corrosion Behaviour of AZ63 Magnesium Alloy in Natural Seawater and 3.5 wt.% NaCl Aqueous Solution	International Journal of Electrochemical Science	Lihui Yang, Cunguo Lin, Haiping Gao, Weichen Xu, Yantao Li, Baorong Hou, Yanliang Huang	2018, 13(8): 8084-8093
72	Ag and CoFe <sub>2</sub> O <sub>4</sub> co-sensitized TiO <sub>2</sub> nanowire for photocathodic protection of 304 SS under visible light	International Journal of Electrochemical Science	Zhehua Wen, Ning Wang, Jing Wang, Baorong Hou	2018, 13(1): 752-761
73	The polyaniline-modified TiO <sub>2</sub> composites in water-based epoxy coating for corrosion protection of Q235 steel	Journal of Coatings Technology & Research	Xuehui Liu, Peimin Hou, Xia Zhao, Xiumin Ma, Baorong Hou	2018, 16, 1, 71-80
74	The corrosion behavior and mechanical property of the Mg - 7Y - xNd ternary alloys	Journal of Magnesium and Alloys	Quantong Jiang, Xianzi Lv, Dongzhu Lu, Jie Zhang, Baorong Hou	2018, 27, 13005-13011
75	Electrochemical Behavior of Mg-Al-Zn-Ga Alloy as Anode Materials in 3.5 wt.% NaCl Solution	Journal of Materials Engineering and Performance	Jiarun Li, Xiumin Ma, Zhuoyuan Chen, Baorong Hou, Likun Xu	2018, 27(10): 5460-5469

76	Study on Evolution of Coating State and Role of Graphene in Graphene-Modified Low-Zinc Waterborne Epoxy Anticorrosion Coating by Electrochemical Impedance Spectroscopy	Journal of Materials Engineering and Performance	Rui Ding, Xiao Wang, Jianming Jiang, Taijiang Gui, Weihua Li	2018, 26(7): 3319-3335
77	Antifouling Properties and Release of Dissolved Copper of Cold Spray Cu/Cu <sub>2</sub> O Coatings for Ships and Steel Structures in Marine Environment	Journal of Materials Engineering and Performance	Rui Ding, Xiangbo Li, Jia Wang, Weihua Li, Xiao Wang, Taijiang Gui	2018, 27(11): 5947-5963
78	Effect of Manganese Dioxide Nanorods on the Thermoelectric Properties of Cement Composites	Journal of Materials in Civil Engineering	Tao Ji, Xiaoying Zhang, Xiong Zhang, Yongjuan Zhang, Weihua Li	2018, 30, 9
79	Effectively enhanced photocatalytic degradation performance of the Ag-modified porous ZnO nanorod photocatalyst	Journal of Materials Science Materials in Electronics	Chang Feng, Zhuoyuan Chen, Weibing Li, Juan Zhou, Yongqiang Sui, Likun Xu, Mingxian Sun	2018, 7082, 1-11
80	Effects of metabolic activity of sulphate-reducing bacteria on heterogeneous corrosion behaviors of copper in seawater	Materials and Corrosion	Shiqiang Chen, Dun Zhang	2018, 69, 985-997
81	UV illumination on the atmospheric corrosion of Q450 weathering steel depositing with NH <sub>4</sub> Cl	Materials and Corrosion	Liyang Song, Weihua Li, Wei Wang, Xiaojie Liu, X. Y. Liu, Q. L. Cheng	2018, 69, 29-36
82	Corrosion of Q235 carbon steel influenced by the introduction of aerogenic and aerobic bacteria	Materials and Corrosion	Faqi Tan, Jiajia Wu, Dun Zhang, Ee Li, Yan Sun, Jieyan Gao	2018, 69, 196-1204
83	Strong acid resistance from electrochemical deposition of WO <sub>3</sub> on super-hydrophobic CuO-coated copper surface	Materials and Corrosion	Wenwen Dou, Peng Wang, Jiajia Wu, Tingyue Gu, Dun Zhang	2018, 69(8): 978-984
84	Corrosion mechanism of copper immersed in ammonium sulfate solution	Materials and Corrosion	Kun Li, Zhuoyuan Chen, Jiarun Li, Xiaoying Sun, Fengling Xu, Likun Xu	2018, 69, 1597-1608
85	Synthesis and characterization of pH - responsive mesoporous chitosan microspheres loaded with sodium phytate for smart water-based coatings	Materials and Corrosion	Xiaojie Liu, Weihua Li, Wei Wang, Liyang Song, Weijie Fan, Xiang Gao, Chuansheng Xiong	2018, 69(6): 736-748

86	Numerical simulation and re-design optimization of impressed current cathodic protection for an offshore platform with biofouling in seawater	Materials and Corrosion	Wei Wang, Weihua Li, Liying Song, Weijie Fan, Xiaojie Liu, Haibing Zheng	2018, 69(2): 239-250
87	Comparison of inhibition performance of pyridine derivatives containing hydroxyl and sulfhydryl groups: Experimental and theoretical calculations	Materials Chemistry and Physics	Peng Han, Weihua Li, Huiwen Tian, Xiang Gao, Rui Ding, Chuansheng Xiong, Liying Song, Xiaoying Zhang, Wei Wang, Changfeng Chen	2018, 214, 345-354
88	First-principle calculation of the electronic structures and optical properties of the metallic and nonmetallic elements-doped ZnO on the basis of photocatalysis	Physica B: Condensed Matter	Chang Feng, Zhuoyuan Chen, Weibing Li, Fan Zhang, Xiangbo Li, Likun Xu, Mingxian Sun	2018, 555, 53-60

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