Igor Griva

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3492416/publications.pdf

Version: 2024-02-01

26 papers	711 citations	1039880 9 h-index	713332 21 g-index
30 all docs	30 docs citations	30 times ranked	1018 citing authors

#	Article	IF	Citations
1	An Advanced Artificial Intelligence System for Identifying the Near-Core Impact Features to Tropical Cyclone Rapid Intensification from the ERA-Interim Data. Atmosphere, 2022, 13, 643.	1.0	1
2	Regulation of interferon stimulated gene expression levels at homeostasis. Cytokine, 2020, 126, 154870.	1.4	3
3	Effect of iron doping on protein molecular conductance. Physical Chemistry Chemical Physics, 2018, 20, 14072-14081.	1.3	8
4	Investigating Functional Roles for Positive Feedback and Cellular Heterogeneity in the Type I Interferon Response to Viral Infection. Viruses, 2018, 10, 517.	1.5	9
5	Internal Redox Polarity of an Individual G. sulfurreducens Bacterial Cell Attached to an Inorganic Substrate. ChemPhysChem, 2018, 19, 1820-1829.	1.0	0
6	Internal Redox Polarity of an Individual G. sulfurreducens Bacterial Cell Attached to an Inorganic Substrate. ChemPhysChem, 2018, 19, 1801-1801.	1.0	0
7	A penalized regression approach to haplotype reconstruction of viral populations arising in early HIV/SIV infection. Bioinformatics, 2017, 33, 2455-2463.	1.8	21
8	On a number of inflection points of activity curves for a regular solution. Canadian Metallurgical Quarterly, 2017, 56, 368-369.	0.4	0
9	Fast projected gradient method for support vector machines. Optimization and Engineering, 2016, 17, 651-662.	1.3	6
10	A virus-based nanoplasmonic structure as a surface-enhanced Raman biosensor. Biosensors and Bioelectronics, 2016, 77, 306-314.	5.3	27
11	On the electron transfer through Geobacter sulfurreducens PilA protein. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 1706-1717.	2.4	22
12	Set based framework for Gibbs energy minimization. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2015, 48, 18-26.	0.7	5
13	Exterior-Point Method for Support Vector Machines. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1390-1393.	7.2	5
14	Numerical Optimization Technique for Optimal Design of the n Grooves Surface Plasmon Grating Coupler. Procedia Computer Science, 2014, 29, 2145-2151.	1.2	4
15	Internal Control of Electron Transfer through a Single Iron Atom by Chelating Porphyrin. Journal of Physical Chemistry C, 2013, 117, 6933-6939.	1.5	7
16	Structural Reorganizations Control Intermolecular Conductance and Charge Trapping in Paraquatâ€Tetraphenylborate Inverse Photochemical Cell. Photochemistry and Photobiology, 2011, 87, 1024-1030.	1.3	6
17	The Role of Electrode Curvature in Controlling Electron Transfer between the Photosynthetic Reaction Center Protein and Gold Nanoelectrodes. ChemPhysChem, 2010, 11, 3589-3591.	1.0	3
18	On the Role of Oxygen in the Formation of Electron Transmission Channels in Oligo(Phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.5	5

#	Article	IF	Citations
19	The Effect of Water on Electron Transfer through Conductive Oligo(phenylene vinylene) Quinones. Journal of Physical Chemistry C, 2010, 114, 22710-22717.	1.5	5
20	1.5-Q-superlinear convergence of an exterior-point method for constrained optimization. Journal of Global Optimization, 2008, 40, 679-695.	1.1	11
21	Electrochemically Controlled Conductance Switching in a Single Molecule: Quinone-Modified Oligo(phenylene vinylene). ACS Nano, 2008, 2, 1289-1295.	7.3	60
22	Effects of Distance and Driving Force on Photoinduced Electron Transfer between Photosynthetic Reaction Centers and Gold Electrodes. Journal of Physical Chemistry C, 2007, 111, 17122-17130.	1.5	49
23	Support vector machine via nonlinear rescaling method. Optimization Letters, 2007, 1, 367-378.	0.9	6
24	Conductive Wiring of Immobilized Photosynthetic Reaction Center to Electrode by Cytochromec. Journal of the American Chemical Society, 2006, 128, 12044-12045.	6.6	120
25	Primal-dual nonlinear rescaling method with dynamic scaling parameter update. Mathematical Programming, 2006, 106, 237-259.	1.6	43
26	Numerical Experiments with an Interior-Exterior Point Method for Nonlinear Programming. Computational Optimization and Applications, 2004, 29, 173-195.	0.9	13