

# Francesco Paolucci

## List of Publications by Year in descending order

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259  
papers

12,236  
citations

20759

60  
h-index

33814

99  
g-index

277  
all docs

277  
docs citations

277  
times ranked

12509  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Expanded 2D Fused Aromatic Network with 90° Ring Hexagons. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	14
2	Boron-Doped Diamond Electrode Outperforms the State-of-the-Art Electrochemiluminescence from Microbeads Immunoassay. <i>ACS Sensors</i> , 2022, 7, 1145-1155.	4.0	20
3	Ultrasensitive PCR-Free detection of whole virus genome by electrochemiluminescence. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114165.	5.3	12
4	A Guide Inside Electrochemiluminescent Microscopy Mechanisms for Analytical Performance Improvement. <i>Analytical Chemistry</i> , 2022, 94, 336-348.	3.2	53
5	Electron transfer in polyaromatic hydrocarbons and molecular carbon nanostructures. <i>Current Opinion in Electrochemistry</i> , 2022, 35, 101065.	2.5	4
6	Revised electrochemical etching system for a reproducible fabrication of ultra-sharp tungsten tips. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 551-566.	1.5	4
7	Silicon Nanocrystals Functionalized with Photoactive Units for Dual-Potential Electrochemiluminescence. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5708-5714.	1.5	3
8	Lighting up the Electrochemiluminescence of Carbon Dots through Pre- and Post-Synthetic Design. <i>Advanced Science</i> , 2021, 8, 2100125.	5.6	49
9	Dinuclear Re(I) Complexes as New Electrocatalytic Systems for CO <sub>2</sub> Reduction. <i>ChemElectroChem</i> , 2021, 8, 2065-2069.	1.7	4
10	DNA-Based Nanoswitches: Insights into Electrochemiluminescence Signal Enhancement. <i>Analytical Chemistry</i> , 2021, 93, 10397-10402.	3.2	13
11	Nano-structured materials for the electrochemiluminescence signal enhancement. <i>Electrochimica Acta</i> , 2021, 388, 138586.	2.6	23
12	Wavy graphene sheets from electrochemical sewing of corannulene. <i>Chemical Science</i> , 2021, 12, 8048-8057.	3.7	15
13	Electrochemiluminescent immunoassay enhancement driven by carbon nanotubes. <i>Chemical Communications</i> , 2021, 57, 9672-9675.	2.2	14
14	Thermally Induced Synthesis of Anthracene-, Pyrene- and Naphthalene-Fused Porphyrins. <i>ChemistryOpen</i> , 2021, 10, 997-1003.	0.9	3
15	Electrogenerated Chemiluminescence by in Situ Production of Coreactant Hydrogen Peroxide in Carbonate Aqueous Solution at a Boron-Doped Diamond Electrode. <i>Journal of the American Chemical Society</i> , 2020, 142, 1518-1525.	6.6	70
16	Carbon supported noble metal nanoparticles as efficient catalysts for electrochemical water splitting. <i>Nanoscale</i> , 2020, 12, 20165-20170.	2.8	34
17	Dye-Doped Silica Nanoparticles for Enhanced ECL-Based Immunoassay Analytical Performance. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21858-21863.	7.2	78
18	Frontispiece: Dye-Doped Silica Nanoparticles for Enhanced ECL-Based Immunoassay Analytical Performance. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	7.2	0

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19	Spatially resolved electrochemiluminescence through a chemical lens. <i>Chemical Science</i> , 2020, 11, 10496-10500.	3.7	56
20	Water-Mediated ElectroHydrogenation of CO <sub>2</sub> at Near-Equilibrium Potential by Carbon Nanotubes/Cerium Dioxide Nanohybrids. <i>ACS Applied Energy Materials</i> , 2020, 3, 8509-8518.	2.5	23
21	Frontispiz: Dye-Doped Silica Nanoparticles for Enhanced ECL-Based Immunoassay Analytical Performance. <i>Angewandte Chemie</i> , 2020, 132, .	1.6	0
22	Dye-Doped Silica Nanoparticles for Enhanced ECL-Based Immunoassay Analytical Performance. <i>Angewandte Chemie</i> , 2020, 132, 22042-22047.	1.6	15
23	Insights into the mechanism of coreactant electrochemiluminescence facilitating enhanced bioanalytical performance. <i>Nature Communications</i> , 2020, 11, 2668.	5.8	198
24	Quantification of electrogenerated chemiluminescence from tris(bipyridine)ruthenium(II) and hydroxyl ions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 15413-15417.	1.3	13
25	Size Control of Nanographene Supported Iron Oxide Nanoparticles Enhances Their Electrocatalytic Performance for the Oxygen Reduction and Oxygen Evolution Reactions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20774-20780.	1.5	13
26	CO <sub>2</sub> reduction to formic acid at low overpotential on BDD electrodes modified with nanostructured CeO <sub>2</sub> . <i>Journal of Materials Chemistry A</i> , 2019, 7, 17896-17905.	5.2	25
27	Electrochemical activity of the polycrystalline cerium oxide films for hydrogen peroxide detection. <i>Applied Surface Science</i> , 2019, 488, 351-359.	3.1	30
28	Wall-and Hybridisation-Selective Synthesis of Nitrogen-Doped Double-Walled Carbon Nanotubes. <i>Angewandte Chemie</i> , 2019, 131, 10382-10386.	1.6	2
29	Wall-and Hybridisation-Selective Synthesis of Nitrogen-Doped Double-Walled Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10276-10280.	7.2	4
30	Advanced carbon nanomaterials for electrochemiluminescent biosensor applications. <i>Current Opinion in Electrochemistry</i> , 2019, 16, 66-74.	2.5	75
31	Orchestrating QoS-based Connectivity Services in a Multi-Operator Sandbox. <i>Journal of Optical Communications and Networking</i> , 2019, 11, A196.	3.3	6
32	Neutral Dye-Doped Silica Nanoparticles for Electrogenerated Chemiluminescence Signal Amplification. <i>Journal of Physical Chemistry C</i> , 2019, 123, 5686-5691.	1.5	18
33	Reactive Oxygen Species Produced by Mutated Mitochondrial Respiratory Chains of Entire Cells Monitored Using Modified Microelectrodes. <i>ChemElectroChem</i> , 2019, 6, 627-633.	1.7	14
34	P4 Edge Node Enabling Stateful Traffic Engineering and Cyber Security. <i>Journal of Optical Communications and Networking</i> , 2019, 11, A84.	3.3	62
35	Redox Properties and Interchromophoric Electronic Interactions in Isoalloxazine <sup>+</sup> Anthraquinone Dyads. <i>ChemElectroChem</i> , 2018, 5, 985-990.	1.7	2
36	Network Telemetry Streaming Services in SDN-Based Disaggregated Optical Networks. <i>Journal of Lightwave Technology</i> , 2018, 36, 3142-3149.	2.7	87

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37	Solid state electrochemiluminescence from homogeneous and patterned monolayers of bifunctional spirobifluorene. <i>Chemical Communications</i> , 2018, 54, 4999-5002.	2.2	31
38	Phenoxyaluminum(salophen) Scaffolds: Synthesis, Electrochemical Properties, and Self-Assembly at Surfaces of Multifunctional Systems. <i>Chemistry - A European Journal</i> , 2018, 24, 11954-11960.	1.7	12
39	Electrogenerated chemiluminescence: A molecular electrochemistry point of view. <i>Current Opinion in Electrochemistry</i> , 2018, 8, 31-38.	2.5	56
40	Coreactant electrochemiluminescence at nanoporous gold electrodes. <i>Electrochimica Acta</i> , 2018, 277, 168-175.	2.6	24
41	Proteins as supramolecular hosts for C <sub>60</sub> : a true solution of C <sub>60</sub> in water. <i>Nanoscale</i> , 2018, 10, 9908-9916.	2.8	33
42	Electrogenerated chemiluminescence from metal complexes-based nanoparticles for highly sensitive sensors applications. <i>Coordination Chemistry Reviews</i> , 2018, 367, 65-81.	9.5	110
43	Dye-doped nanomaterials: Strategic design and role in electrochemiluminescence. <i>Current Opinion in Electrochemistry</i> , 2018, 7, 130-137.	2.5	20
44	An architecture to support autonomic slice networking. <i>Journal of Lightwave Technology</i> , 2018, 36, 135-141.	2.7	64
45	Filterless Optical WDM Metro Networks Exploiting C+L Band. , 2018, , .		6
46	Provisioning RAN as a Service (RANaaS) Connectivity in an Optical Metro Network Through NETCONF and YANG. , 2018, , .		4
47	Electrogenerated Chemiluminescence with Peroxydisulfate as a Coreactant Using Boron Doped Diamond Electrodes. <i>Analytical Chemistry</i> , 2018, 90, 12959-12963.	3.2	37
48	Surface-Confined Electrochemiluminescence Microscopy of Cell Membranes. <i>Journal of the American Chemical Society</i> , 2018, 140, 14753-14760.	6.6	221
49	Optical White Box: Modeling and Implementation. , 2018, , .		6
50	Network Service Chaining Using Segment Routing in Multi-Layer Networks. <i>Journal of Optical Communications and Networking</i> , 2018, 10, 582.	3.3	24
51	Interaction of Single Cells with 2D Organic Monolayers: A Scanning Electrochemical Microscopy Study. <i>ChemElectroChem</i> , 2018, 5, 2975-2981.	1.7	16
52	Building Autonomic Optical Whitebox-Based Networks. <i>Journal of Lightwave Technology</i> , 2018, 36, 3097-3104.	2.7	44
53	On the Scalability of Connectivity Services in a Multi-Operator Orchestrator Sandbox. , 2018, , .		2
54	P4-based Multi-Layer Traffic Engineering Encompassing Cyber Security. , 2018, , .		15

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55	Fully Disaggregated ROADM White Box with NETCONF/YANG Control, Telemetry, and Machine Learning-based Monitoring. , 2018, , .		23
56	OpenFlow-Control of an OAM-Based Two-Layer Switch Supporting 100Gb/s Real Data-Traffic. , 2018, , .		0
57	Theory and Simulation for Optimising Electrogenerated Chemiluminescence from Tris(2,2'-bipyridine)ruthenium(II)-Doped Silica Nanoparticles and Tripropylamine. ChemElectroChem, 2017, 4, 1719-1730.	7.7	29
58	Electrochemically Driven Luminescence in Organometallic and Inorganic Systems. , 2017, , 293-326.		6
59	Open Network Database for Application-Based Control in Multilayer Networks. Journal of Lightwave Technology, 2017, 35, 1469-1476.	2.7	9
60	Electrochemical preparation of nanostructured CeO <sub>2</sub> -Pt catalysts on Fe-Cr-Al alloy foams for the low-temperature combustion of methanol. Chemical Engineering Journal, 2017, 317, 551-560.	6.6	11
61	Segment Routing for Effective Recovery and Multi-domain Traffic Engineering. Journal of Optical Communications and Networking, 2017, 9, A223.	3.3	39
62	Iridium(III)-Doped Core-Shell Silica Nanoparticles: Near-IR Electrogenerated Chemiluminescence in Water. ChemElectroChem, 2017, 4, 1690-1696.	1.7	14
63	Iridium(III)-Doped Core-Shell Silica Nanoparticles: Near-IR Electrogenerated Chemiluminescence in Water. ChemElectroChem, 2017, 4, 1570-1570.	1.7	0
64	Twisted Aromatic Frameworks: Readily Exfoliable and Solution-Processable Two-Dimensional Conjugated Microporous Polymers. Angewandte Chemie - International Edition, 2017, 56, 6946-6951.	7.2	100
65	Twisted Aromatic Frameworks: Readily Exfoliable and Solution-Processable Two-Dimensional Conjugated Microporous Polymers. Angewandte Chemie, 2017, 129, 7050-7055.	1.6	21
66	Single Cell Electrochemiluminescence Imaging: From the Proof-of-Concept to Disposable Device-Based Analysis. Journal of the American Chemical Society, 2017, 139, 16830-16837.	6.6	221
67	Glucose and Lactate Miniaturized Biosensors for SECM-Based High-Spatial Resolution Analysis: A Comparative Study. ACS Sensors, 2017, 2, 1310-1318.	4.0	49
68	Segment Routing in multi-layer networks. , 2017, , .		2
69	From Food Waste to Efficient Bifunctional Nonprecious Electrocatalyst. Chemistry - A European Journal, 2017, 23, 15283-15288.	1.7	8
70	Orchestration of Network Services across multiple operators: The 5G Exchange prototype. , 2017, , .		28
71	Highly sensitive electrochemiluminescence detection of a prostate cancer biomarker. Journal of Materials Chemistry B, 2017, 5, 6681-6687.	2.9	65
72	Demonstration of gRPC Telemetry for Soft Failure Detection in Elastic Optical Networks. , 2017, , .		10

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73	Frontispiece: From Food Waste to Efficient Bifunctional Nonprecious Electrocatalyst. Chemistry - A European Journal, 2017, 23, .	1.7	0
74	Experimental Assessment of a Flow Controller for Dynamic Metro-Core Predictive Traffic Models Estimation. , 2017, , .		4
75	Dynamic Core VNT Adaptability Based on Predictive Metro-Flow Traffic Models. Journal of Optical Communications and Networking, 2017, 9, 1202.	3.3	22
76	Connectivity orchestration in multi-provider elastic optical networks (Invited paper). , 2017, , .		1
77	Service Chaining in Multi-Layer Networks using Segment Routing and Extended BGP FlowSpec. , 2017, , .		6
78	A Multi-Operator Network Service Orchestration Prototype: The 5G Exchange. , 2017, , .		1
79	Demonstration of effective OAM for alien wavelength and transport network. , 2017, , .		2
80	First Experimental Demonstration of Autonomic Slice Networking. , 2017, , .		3
81	Co-axial heterostructures integrating palladium/titanium dioxide with carbon nanotubes for efficient electrocatalytic hydrogen evolution. Nature Communications, 2016, 7, 13549.	5.8	98
82	Experimental Demonstration of Multivendor and Multidomain EON With Data and Control Interoperability Over a Pan-European Test Bed. Journal of Lightwave Technology, 2016, 34, 1610-1617.	2.7	13
83	Electrochemical and Surface Characterization of Dense Monolayers Grafted on ITO and Si/SiO <sub>2</sub> Surfaces via Tetra( <i>tert</i> - <i>Butoxy</i> )Tin Linker. Electroanalysis, 2016, 28, 2777-2784.	1.5	9
84	An incentive-compatible and trust-aware multi-provider path computation element (PCE). Computer Networks, 2016, 108, 40-54.	3.2	2
85	Control plane solutions for sliceable bandwidth transceiver configuration in flexi-grid optical networks. , 2016, 54, 126-135.		9
86	A control plane architecture for multi-domain elastic optical networks: the view of the IDEALIST project. , 2016, 54, 136-143.		8
87	Analytical electrochemiluminescence. Analytical and Bioanalytical Chemistry, 2016, 408, 7001-7002.	1.9	10
88	Variable Doping Induces Mechanism Swapping in Electrogenenerated Chemiluminescence of Ru(bpy) <sub>3</sub> <sup>2+</sup> Core@Shell Silica Nanoparticles. Journal of the American Chemical Society, 2016, 138, 15935-15942.	6.6	98
89	Co-reactant-on-Demand ECL: Electrogenenerated Chemiluminescence by the in Situ Production of S <sub>2</sub> O <sub>8</sub> <sup>2-</sup> at Boron-Doped Diamond Electrodes. Journal of the American Chemical Society, 2016, 138, 15636-15641.	6.6	99
90	Next steps in elasticity: Enabling signal overlap in optical networks. , 2016, , .		5

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91	Introducing database communication technologies for TED replication in multi-domain networks. , 2016, , .		0
92	Essential Role of Electrode Materials in Electrochemiluminescence Applications. ChemElectroChem, 2016, 3, 1990-1997.	1.7	126
93	Adaptation and monitoring for elastic alien wavelengths. , 2016, , .		1
94	Molecular design driving tetraporphyrin self-assembly on graphite: a joint STM, electrochemical and computational study. Nanoscale, 2016, 8, 13678-13686.	2.8	19
95	Toward Plug-and-Play Software-Defined Elastic Optical Networks. Journal of Lightwave Technology, 2016, 34, 1494-1500.	2.7	15
96	Local desorption of thiols by scanning electrochemical microscopy: patterning and tuning the reactivity of self-assembled monolayers. Journal of Solid State Electrochemistry, 2016, 20, 1037-1042.	1.2	3
97	Experimental Demonstration of Segment Routing. Journal of Lightwave Technology, 2016, 34, 205-212.	2.7	44
98	Software-Defined Defragmentation in Space-Division Multiplexing With Quasi-Hitless Fast Core Switching. Journal of Lightwave Technology, 2016, 34, 1956-1962.	2.7	9
99	Transparent electrodes made from carbon nanotube polyelectrolytes and application to acidic environments. Journal of Materials Research, 2015, 30, 2009-2017.	1.2	9
100	Transparent Carbon Nanotube Network for Efficient Electrochemiluminescence Devices. Chemistry - A European Journal, 2015, 21, 12640-12645.	1.7	50
101	Molecular Size and Electronic Structure Combined Effects on the Electrogenerated Chemiluminescence of Sulfurated Pyrene-Cored Dendrimers. Chemistry - A European Journal, 2015, 21, 2936-2947.	1.7	31
102	Uniform Functionalization of High-Quality Graphene with Platinum Nanoparticles for Electrocatalytic Water Reduction. ChemistryOpen, 2015, 4, 268-273.	0.9	12
103	An electrochemiluminescence-supramolecular approach to sarcosine detection for early diagnosis of prostate cancer. Faraday Discussions, 2015, 185, 299-309.	1.6	45
104	Active PCE demonstration performing elastic operations and hitless defragmentation in flexible grid optical networks. Photonic Network Communications, 2015, 29, 57-66.	1.4	25
105	Numerical Simulation of Doped Silica Nanoparticle Electrochemiluminescence. Journal of Physical Chemistry C, 2015, 119, 26111-26118.	1.5	39
106	Scanning electro-chemical microscopy reveals cancer cell redox state. Electrochimica Acta, 2015, 179, 65-73.	2.6	37
107	Diazine bridged dinuclear rhenium complex: New molecular material for the CO <sub>2</sub> conversion. Inorganica Chimica Acta, 2014, 417, 270-273.	1.2	7
108	A fulleropyrrolidine-squaraine blue dyad: synthesis and application as an organic light detector. Journal of Materials Chemistry C, 2014, 2, 1396-1399.	2.7	14

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109	Redox active Double Wall Carbon Nanotubes show intrinsic anti-proliferative effects and modulate autophagy in cancer cells. <i>Carbon</i> , 2014, 78, 589-600.	5.4	9
110	New Approaches toward Ferrocene-Guanine Conjugates: Synthesis and Electrochemical Behavior. <i>Organometallics</i> , 2014, 33, 4986-4993.	1.1	16
111	Playing peekaboo with graphene oxide: a scanning electrochemical microscopy investigation. <i>Chemical Communications</i> , 2014, 50, 13117-13120.	2.2	30
112	p66Shc, Mitochondria, and the Generation of Reactive Oxygen Species. <i>Methods in Enzymology</i> , 2013, 528, 99-110.	0.4	44
113	Catalysis-Material Crosstalk at Tailored Nano-Carbon Interfaces. <i>Topics in Current Chemistry</i> , 2013, 348, 139-180.	4.0	11
114	Knitting the Catalytic Pattern of Artificial Photosynthesis to a Hybrid Graphene Nanotexture. <i>ACS Nano</i> , 2013, 7, 811-817.	7.3	93
115	Electrochemically Induced Release of a Luminescent Probe from a Rhenium-Containing Metallopolymer. <i>ChemPlusChem</i> , 2013, 78, 55-61.	1.3	3
116	Electrochemically Induced Release of a Luminescent Probe from a Rhenium-Containing Metallopolymer. <i>ChemPlusChem</i> , 2013, 78, 2-2.	1.3	1
117	Induction of Motion in a Synthetic Molecular Machine: Effect of Tuning the Driving Force. <i>Chemistry - A European Journal</i> , 2013, 19, 5566-5577.	1.7	25
118	Switch On/Switch Off Signal in an MOF-Guest Crystalline Device. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4459-4465.	1.0	24
119	Surfactant Hydrogels for the Dispersion of Carbon-Nanotube-Based Catalysts. <i>Chemistry - A European Journal</i> , 2013, 19, 16415-16423.	1.7	27
120	Toward quantum-dot cellular automata units: thiolated-carbazole linked bisferrocenes. <i>Nanoscale</i> , 2012, 4, 813-823.	2.8	58
121	A versatile strategy for tuning the color of electrochemiluminescence using silica nanoparticles. <i>Chemical Communications</i> , 2012, 48, 4187.	2.2	54
122	Nanoparticles in metal complexes-based electrogenerated chemiluminescence for highly sensitive applications. <i>Coordination Chemistry Reviews</i> , 2012, 256, 1664-1681.	9.5	82
123	A Molecular Shuttle Driven by Fullerene Radical-Anion Recognition. <i>Chemistry - A European Journal</i> , 2012, 18, 14063-14068.	1.7	33
124	Highly Sensitive Electrochemiluminescent Nanobiosensor for the Detection of Palytoxin. <i>ACS Nano</i> , 2012, 6, 7989-7997.	7.3	96
125	Electrochemical study of hydrogen peroxide formation in isolated mitochondria. <i>Bioelectrochemistry</i> , 2012, 85, 21-28.	2.4	22
126	Highly electroconductive multiwalled carbon nanotubes as potentially useful tools for modulating calcium balancing in biological environments. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 299-307.	1.7	5



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127	Raman Doping Profiles of Polyelectrolyte SWNTs in Solution. ACS Nano, 2011, 5, 9892-9897.	7.3	20
128	Graphene solutions. Chemical Communications, 2011, 47, 5470-5472.	2.2	78
129	Facile functionalization by $\pi$ -stacking of macroscopic substrates made of vertically aligned carbon nanotubes: Tracing reactive groups by electrochemiluminescence. Electrochimica Acta, 2011, 56, 9269-9276.	2.6	4
130	Tailored Functionalization of Carbon Nanotubes for Electrocatalytic Water Splitting and Sustainable Energy Applications. ChemSusChem, 2011, 4, 1447-1451.	3.6	64
131	Green and Blue Electrochemically Generated Chemiluminescence from Click Chemistry- Customizable Iridium Complexes. Chemistry - A European Journal, 2011, 17, 4640-4647.	1.7	110
132	Facile Synthesis of Highly Stable Tetraazaheptacene and Tetrazaaoctacene Dyes. Chemistry - an Asian Journal, 2010, 5, 482-485.	1.7	65
133	Intense and Tunable Electrochemiluminescence of Corannulene. Journal of Physical Chemistry C, 2010, 114, 19467-19472.	1.5	85
134	5-(2-Thienyl)tetrazolates as Ligands for RuII-Polypyridyl Complexes: Synthesis, Electrochemistry and Photophysical Properties. European Journal of Inorganic Chemistry, 2010, 2010, 4643-4657.	1.0	12
135	Efficient water oxidation at carbon nanotube-polyoxometalate electrocatalytic interfaces. Nature Chemistry, 2010, 2, 826-831.	6.6	459
136	Nitron [2]Rotaxanes: Simultaneous Chemical Protection and Electrochemical Activation of a Functional Group. Journal of the American Chemical Society, 2010, 132, 9465-9470.	6.6	66
137	Creation of Reactive Micro Patterns on Silicon by Scanning Electrochemical Microscopy. Journal of Physical Chemistry C, 2010, 114, 22165-22170.	1.5	20
138	Experimental and Theoretical Study of the p- and n-Doped States of Alkylsulfanyl Octithiophenes. Journal of Physical Chemistry B, 2010, 114, 8585-8592.	1.2	31
139	Electrochemiluminescent Functionalizable Cyclometalated Thiophene-Based Iridium(III) Complexes. Inorganic Chemistry, 2010, 49, 1439-1448.	1.9	66
140	Microdrawing and highlighting a reactive surface. Journal of Materials Chemistry, 2010, 20, 7272.	6.7	19
141	Ru(bpy) <sub>3</sub> Covalently Doped Silica Nanoparticles as Multicenter Tunable Structures for Electrochemiluminescence Amplification. Journal of the American Chemical Society, 2009, 131, 2260-2267.	6.6	155
142	Intramolecular interactions and photoinduced electron transfer in isoalloxazine-naphthalene bichromophores. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 203, 166-176.	2.0	8
143	Electrochemical and Theoretical Investigation of Corannulene Reduction Processes. Journal of Physical Chemistry B, 2009, 113, 1954-1962.	1.2	93
144	Iridium Doped Silica-PEG Nanoparticles: Enabling Electrochemiluminescence of Neutral Complexes in Aqueous Media. Journal of the American Chemical Society, 2009, 131, 14208-14209.	6.6	130

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145	Development of a New Device for Ultrasensitive Electrochemiluminescence Microscopy Imaging. <i>Analytical Chemistry</i> , 2009, 81, 6234-6241.	3.2	56
146	Synthesis, photophysical, electrochemical, and electrochemiluminescent properties of 5,15-bis(9-anthracenyl)porphyrin derivatives. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2402.	1.5	27
147	Voltammetric quantum charging capacitance behaviour of functionalised carbon nanotubes in solution. <i>Electrochimica Acta</i> , 2008, 53, 4059-4064.	2.6	14
148	Electrochemically-assisted deposition of biomimetic hydroxyapatite "collagen coatings on titanium plate. <i>Inorganica Chimica Acta</i> , 2008, 361, 1634-1645.	1.2	77
149	Three State Redox-Active Molecular Shuttle That Switches in Solution and on a Surface. <i>Journal of the American Chemical Society</i> , 2008, 130, 2593-2601.	6.6	158
150	Growth of <i>p</i> - and <i>n</i> -Dopable Films from Electrochemically Generated C <sub>60</sub> Cations. <i>Journal of the American Chemical Society</i> , 2008, 130, 3788-3796.	6.6	35
151	Synthesis and Electrochemiluminescence of a Ru(bpy) <sub>3</sub> -Labeled Coupling Adduct Produced on a Self-Assembled Monolayer. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2949-2957.	1.5	22
152	Electron transfer in pristine and functionalised single-walled carbon nanotubes. <i>Chemical Communications</i> , 2008, , 4867.	2.2	19
153	Singling out the Electrochemistry of Individual Single-Walled Carbon Nanotubes in Solution. <i>Journal of the American Chemical Society</i> , 2008, 130, 7393-7399.	6.6	99
154	Photophysical, electrochemical, and mesomorphic properties of a liquid-crystalline [60]fullerene "peralkylated ferrocene dyad. <i>Journal of Materials Chemistry</i> , 2008, 18, 1504.	6.7	32
155	Essential Role of the Ancillary Ligand in the Color Tuning of Iridium Tetrazolate Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 10509-10521.	1.9	119
156	Electrochemistry and Electrochemiluminescence of [Ru(II)-tris(bathophenanthroline-disulfonate)] <sup>4-</sup> in Aprotic Conditions and Aqueous Buffers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10188-10193.	1.2	33
157	Synthesis, Characterization, and Photoinduced Electron Transfer in Functionalized Single Wall Carbon Nanohorns. <i>Journal of the American Chemical Society</i> , 2007, 129, 3938-3945.	6.6	166
158	Improvements in the Characterization of the Crystalline Structure of Acid-Terminated Alkanethiol Self-Assembled Monolayers on Au(111). <i>Langmuir</i> , 2007, 23, 582-588.	1.6	87
159	An electrochemically driven molecular shuttle controlled and monitored by C60. <i>Chemical Communications</i> , 2007, , 1945.	2.2	40
160	Polypyridyl Ruthenium(II) Complexes with Tetrazolate-Based Chelating Ligands. Synthesis, Reactivity, and Electrochemical and Photophysical Properties. <i>Inorganic Chemistry</i> , 2007, 46, 9126-9138.	1.9	44
161	Tuning Electron Transfer through Translational Motion in Molecular Shuttles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3521-3525.	7.2	82
162	Fullerenes: Multitask Components in Molecular Machinery. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8120-8126.	7.2	125

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163	Electrochemistry and spectroelectrochemistry of polypyridine ligands: A theoretical approach. <i>Inorganica Chimica Acta</i> , 2007, 360, 1154-1162.	1.2	22
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