

Roberto Paolesse

List of Publications by Year in descending order

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483
papers

14,739
citations

19657

61
h-index

38395

95
g-index

519
all docs

519
docs citations

519
times ranked

10588
citing authors

#	ARTICLE	IF	CITATIONS
1	Combinatorial selectivity with an array of phthalocyanines functionalized TiO ₂ /ZnO heterojunction thin film sensors. <i>Nanotechnology</i> , 2022, 33, 075503.	2.6	10
2	Polythiophene based fluorimetric insight into minute styrene concentration in solution and gas phase. <i>Optical Materials</i> , 2022, 123, 111848.	3.6	1
3	Corroles at work: a small macrocycle for great applications. <i>Chemical Society Reviews</i> , 2022, 51, 1277-1335.	38.1	67
4	Recent Advances in Chemical Sensors for Soil Analysis: A Review. <i>Chemosensors</i> , 2022, 10, 35.	3.6	24
5	Exploring the Association of Electron-Donating Corroles with Phthalocyanines as Electron Acceptors. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	2
6	Advances in Optical Sensors for Persistent Organic Pollutant Environmental Monitoring. <i>Sensors</i> , 2022, 22, 2649.	3.8	17
7	Phosphorous (V) Corrole Fluorophores for Nitrite Assessment in Environmental and Biological Samples. <i>Chemosensors</i> , 2022, 10, 107.	3.6	5
8	Naked-Eye Detection of Morphine by Au@Ag Nanoparticles-Based Colorimetric Chemosensors. <i>Sensors</i> , 2022, 22, 2072.	3.8	14
9	Unveiling the robustness of porphyrin crystalline nanowires toward aggressive chemicals. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	2
10	Colour Catcher® sheet beyond the laundry: A low-cost support for realizing porphyrin-based mercury ion sensors. <i>Sensors and Actuators B: Chemical</i> , 2022, 364, 131900.	7.8	7
11	Selective Detection of Mg ²⁺ for Sensing Applications in Drinking Water. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	3
12	Notice of Removal: A Movie Should Be Forever: Monitoring the Degradation Pathway of Photographic Films. , 2022, , .		0
13	Odorant Binding Proteins and Porphyrins Mixed Gas Sensor Array. , 2022, , .		0
14	The Chemical Sensitivity of Hybrid Porphyrin Materials. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 939-939.	0.0	0
15	Triarylcorrole Vs Octaalkylcorrole: Similar but Different. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 951-951.	0.0	0
16	Porphyrinoids coated silica nanoparticles capacitive sensors for COVID-19 detection from the analysis of blood serum volatolome. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132329.	7.8	3
17	Light-Activated Porphyrinoid-Capped Nanoparticles for Gas Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 414-424.	5.0	19
18	Chemical traffic light: A self-calibrating naked-eye sensor for fluoride. , 2021, , 983-990.		0

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19	The strength in Numbers! Porphyrin hybrid nanostructured materials for chemical sensing. Dalton Transactions, 2021, 50, 5724-5731.	3.3	4
20	The Long-Lasting Story of One Sensor Development: From Novel Ionophore Design toward the Sensor Selectivity Modeling and Lifetime Improvement. Sensors, 2021, 21, 1401.	3.8	6
21	Recent Advances in Chemical Sensors Using Porphyrin-Carbon Nanostructure Hybrid Materials. Nanomaterials, 2021, 11, 997.	4.1	21
22	Looking for Minor Phenolic Compounds in Extra Virgin Olive Oils Using Neutron and Raman Spectroscopies. Antioxidants, 2021, 10, 643.	5.1	5
23	Electrochemistry of Innocent Cyanocobalt Corroles. ECS Meeting Abstracts, 2021, MA2021-01, 739-739.	0.0	0
24	Functionalized Corroles for Sensor Applications. ECS Meeting Abstracts, 2021, MA2021-01, 767-767.	0.0	0
25	Styrene Detection in Water By Polythiophene Nanoparticles Suspension. ECS Meeting Abstracts, 2021, MA2021-01, 1630-1630.	0.0	0
26	Growth of Corrole Films from Solution: A Nanometer-Scale Study at the Real Solid-Liquid Interface. Journal of Physical Chemistry C, 2021, 125, 11540-11547.	3.1	2
27	Chiral Porphyrin Assemblies: From Solution to Solid State. ECS Meeting Abstracts, 2021, MA2021-01, 775-775.	0.0	0
28	Keeping Track of Phaeodactylum tricornutum (Bacillariophyta) Culture Contamination by Potentiometric E-Tongue. Sensors, 2021, 21, 4052.	3.8	1
29	Unexpected Salt/Cocrystal Polymorphism of the Ketoprofen-Lysine System: Discovery of a New Ketoprofen-L-Lysine Salt Polymorph with Different Physicochemical and Pharmacokinetic Properties. Pharmaceuticals, 2021, 14, 555.	3.8	14
30	Chirality induction to achiral molecules by silica-coated chiral molecular assemblies. Chirality, 2021, 33, 494-505.	2.6	6
31	Sensor array and gas chromatographic detection of the blood serum volatolomic signature of COVID-19. iScience, 2021, 24, 102851.	4.1	20
32	Urine LOX-1 and Volatilome as Promising Tools towards the Early Detection of Renal Cancer. Cancers, 2021, 13, 4213.	3.7	15
33	MCD and MCPL Characterization of Luminescent Si(IV) and P(V) Tritolylcorroles: The Role of Coordination Number. ACS Omega, 2021, 6, 26659-26671.	3.5	12
34	Optimization of gas sensors measurements by dynamic headspace analysis supported by simultaneous direct injection mass spectrometry. Sensors and Actuators B: Chemical, 2021, 347, 130580.	7.8	2
35	Fabrication of Langmuir-Blodgett chiral films from cationic (L)-proline-porphyrin derivatives. , 2021, , 878-884.		0
36	Seeding Chiral Ensembles of Prolinated Porphyrin Derivatives on Glass Surface: Simple and Rapid Access to Chiral Porphyrin Films. Frontiers in Chemistry, 2021, 9, 804893.	3.6	4

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37	Sensor-Embedded Face Masks for Detection of Volatiles in Breath: A Proof of Concept Study. <i>Chemosensors</i> , 2021, 9, 356.	3.6	6
38	5,10,15-Triarylcorrole atropisomerism. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 153-160.	0.8	2
39	Synthesis and the Effect of Anions on the Spectroscopy and Electrochemistry of Mono(dimethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 4.0 26	4.0	26
40	Tunable Supramolecular Chirogenesis in the Self-Assembling of Amphiphilic Porphyrin Triggered by Chiral Amines. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8557.	4.1	5
41	<i>Aspergillus</i> Species Discrimination Using a Gas Sensor Array. <i>Sensors</i> , 2020, 20, 4004.	3.8	14
42	A Leopard Cannot Change Its Spots: Unexpected Products from the Vilsmeier Reaction on 5,10,15-Triarylcorrole. <i>Molecules</i> , 2020, 25, 3583.	3.8	3
43	Copper-Based Corrole as Thermally Stable Hole Transporting Material for Perovskite Photovoltaics. <i>Advanced Functional Materials</i> , 2020, 30, 2003790.	14.9	26
44	N ₂ S ₂ pyridinophane-based fluorescent chemosensors for selective optical detection of Cd ²⁺ in soils. <i>New Journal of Chemistry</i> , 2020, 44, 20834-20852.	2.8	10
45	Porphyryns Through the Looking Glass: Spectroscopic and Mechanistic Insights in Supramolecular Chirogenesis of New Self-Assembled Porphyrin Derivatives. <i>Frontiers in Chemistry</i> , 2020, 8, 587842.	3.6	10
46	The Self-Aggregation of Porphyrins with Multiple Chiral Centers in Organic/Aqueous Media: The Case of Sugar- and Steroid-Porphyrin Conjugates. <i>Molecules</i> , 2020, 25, 4544.	3.8	11
47	Experimental determination of the mass sensitivity of quartz microbalances coated by an optical dye. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128373.	7.8	14
48	Potentiometric E-Tongue System for Geosmin/Isoborneol Presence Monitoring in Drinkable Water. <i>Sensors</i> , 2020, 20, 821.	3.8	18
49	Si-corrole-based fluoride fluorometric turn-on sensor. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 929-937.	0.8	8
50	Perimeter fractal dimension analysis of corrole islands on Au(111) at the solid-water interface. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 959-963.	0.8	3
51	Panchromatic Light Harvesting and Stabilizing Charge-Separated States in Corrole-Phthalocyanine Conjugates through Coordinating a Subphthalocyanine. <i>Chemistry - A European Journal</i> , 2020, 26, 13451-13461.	3.3	10
52	Old Dog, New Tricks: Innocent, Five-coordinate Cyanocobalt Corroles. <i>Inorganic Chemistry</i> , 2020, 59, 8562-8579.	4.0	25
53	Olfactory Atlases with an Array of Porphyrinoids Coated ZnO Nanoparticle. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1861-1861.	0.0	0
54	Electrochemical Properties of Mono- and Bis-CN Ligated Cobalt Corroles. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 917-917.	0.0	0

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55	Acrolein-corroles. ECS Meeting Abstracts, 2020, MA2020-01, 909-909.	0.0	0
56	Styrene Detection in Water By Polythiophene Nanoparticles Suspension. ECS Meeting Abstracts, 2020, MA2020-01, 2388-2388.	0.0	0
57	Integration of Porphyrinoids Based Gas Sensor Arrays with Direct Injection Mass Spectrometry. ECS Meeting Abstracts, 2020, MA2020-01, 911-911.	0.0	0
58	In Vitro Discrimination of Bacterial Volatile Compound Patterns Using a Gas Sensor Array. Lecture Notes in Electrical Engineering, 2020, , 157-161.	0.4	0
59	Fast Optical Sensing of Metals: A Case Study of Cu ²⁺ Assessment in Soils. ECS Journal of Solid State Science and Technology, 2020, 9, 061004.	1.8	4
60	Preface JSS Focus Issue on Porphyrins, Phthalocyanines, and Supramolecular Assemblies in Honor of Karl M. Kadish. ECS Journal of Solid State Science and Technology, 2020, 9, 080001.	1.8	0
61	Ir^2 -Arylethynyl substituted silver corrole complexes. Dalton Transactions, 2019, 48, 13589-13598.	3.3	14
62	Metallo-corroles Supported on Carbon Nanostructures as Oxygen Reduction Electrocatalysts in Neutral Media. European Journal of Inorganic Chemistry, 2019, 2019, 4760-4765.	2.0	13
63	5,10,15-Tris(4-sulfonatophenyl)corrole Synthesis. European Journal of Organic Chemistry, 2019, 2019, 6525-6533.	2.4	2
64	Simultaneous Proton Transfer Reaction-Mass Spectrometry and electronic nose study of the volatile compounds released by Plasmodium falciparum infected red blood cells in vitro. Scientific Reports, 2019, 9, 12360.	3.3	12
65	Targeting LOX-1 Inhibits Colorectal Cancer Metastasis in an Animal Model. Frontiers in Oncology, 2019, 9, 927.	2.8	27
66	Kinetic and spectroscopic studies on the chiral self-aggregation of amphiphilic zinc and copper (Zn-proline-tetraarylporphyrin derivatives in different aqueous media. Organic and Biomolecular Chemistry, 2019, 17, 1113-1120.	2.8	12
67	Gas Sensing with Porphyrin Functionalized Metal Oxide Nanostructures. Proceedings (mdpi), 2019, 14, 28.	0.2	0
68	Fabrication of Langmuir-Blodgett chiral films from cationic (L)-proline-porphyrin derivatives. Journal of Porphyrins and Phthalocyanines, 2019, 23, 462-468.	0.8	5
69	Chemical traffic light: A self-calibrating naked-eye sensor for fluoride. Journal of Porphyrins and Phthalocyanines, 2019, 23, 117-124.	0.8	9
70	Metal complexes of corrole. Coordination Chemistry Reviews, 2019, 388, 360-405.	18.8	124
71	Chiral Selectivity of Porphyrin-ZnO Nanoparticle Conjugates. ACS Applied Materials & Interfaces, 2019, 11, 12077-12087.	8.0	42
72	Sensors for Lung Cancer Diagnosis. Journal of Clinical Medicine, 2019, 8, 235.	2.4	32

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73	Electrospinning of Polystyrene/Polyhydroxybutyrate Nanofibers Doped with Porphyrin and Graphene for Chemiresistor Gas Sensors. <i>Nanomaterials</i> , 2019, 9, 280.	4.1	49
74	Chemical Sensors for Water Potability Assessment. , 2019, , 177-208.		6
75	Optical sensor array based on P(V) corroles for fluorometric detection of nitrite. , 2019, , .		0
76	The Assembly of Porphyrin Systems in Well-Defined Nanostructures: An Update. <i>Molecules</i> , 2019, 24, 4307.	3.8	47
77	Grafting Copper and Gallium Corroles onto Zinc Oxide Nanoparticles. <i>ChemPlusChem</i> , 2019, 84, 154-160.	2.8	5
78	Joining Chromophores: a Porphyrin-BPI Fused System. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 655-659.	2.4	1
79	Moving corrole towards a red-record: synthesis of \hat{I}^2 -acrolein Ga and Cu corroles using the Vilsmeier reaction. <i>New Journal of Chemistry</i> , 2018, 42, 8200-8206.	2.8	6
80	Silicon(IV) Corroles. <i>Chemistry - A European Journal</i> , 2018, 24, 8438-8446.	3.3	24
81	Non-enzymatic portable optical sensors for microcystin-LR. <i>Chemical Communications</i> , 2018, 54, 2747-2750.	4.1	15
82	Iron, iron everywhere: synthesis and characterization of iron 5,10,15-triferrocenylcorrole complexes. <i>New Journal of Chemistry</i> , 2018, 42, 8207-8219.	2.8	8
83	Recent advances in magnesium assessment: From single selective sensors to multisensory approach. <i>Talanta</i> , 2018, 179, 430-441.	5.5	28
84	Porphyrinoid Thin Films for Chemical Sensing. , 2018, , 422-443.		8
85	Corroles at the <i>Real</i> Solidâ€“Liquid Interface: In Situ STM Investigation of a Waterâ€“Soluble Corrole Layer Deposited onto Au(111). <i>Chemistry - A European Journal</i> , 2018, 24, 17538-17544.	3.3	5
86	Electronic Tongue for Brand Uniformity Control: A Case Study of Apulian Red Wines Recognition and Defects Evaluation â€. <i>Sensors</i> , 2018, 18, 2584.	3.8	20
87	All-solid-state paper based potentiometric potassium sensors containing cobalt(II) porphyrin/cobalt(III) corrole in the transducer layer. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 306-311.	7.8	25
88	Crown-Porphyrin Ligand for Optical Sensors Development. <i>Proceedings (mdpi)</i> , 2018, 2, 922.	0.2	2
89	Tetrafluorobenzo-Fused BODIPY: A Platform for Regioselective Synthesis of BODIPY Dye Derivatives. <i>Journal of Organic Chemistry</i> , 2018, 83, 6498-6507.	3.2	17
90	Chemically mediated species recognition in two sympatric Grayling butterflies: <i>Hipparchia fagi</i> and <i>Hipparchia hermione</i> (Lepidoptera: Nymphalidae, Satyrinae). <i>PLoS ONE</i> , 2018, 13, e0199997.	2.5	11

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91	Volatile compounds emission from teratogenic human pluripotent stem cells observed during their differentiation in vivo. <i>Scientific Reports</i> , 2018, 8, 11056.	3.3	10
92	Porphyrin-Functionalized Zinc Oxide Nanostructures for Sensor Applications. <i>Sensors</i> , 2018, 18, 2279.	3.8	25
93	A Fluorescent Sensor Array Based on Heteroatomic Macrocyclic Fluorophores for the Detection of Polluting Species in Natural Water Samples. <i>Frontiers in Chemistry</i> , 2018, 6, 258.	3.6	23
94	Sensing of diclofenac by a porphyrin-based artificial receptor. <i>New Journal of Chemistry</i> , 2018, 42, 15778-15783.	2.8	8
95	P2AR.8 - The discrimination of cannabis seed oils and flours by an array of porphyrinoids based gas sensors. , 2018, , .		0
96	P2NG.20 - Gas Sensitivity of the surface potential of Pyrene Coated ZnO Nanorods. , 2018, , .		0
97	SM2.3 - Silicon Corrole based paper strips for the visual determination of fluoride ion. , 2018, , .		0
98	P2MM.2 - Direct Estimation of Quartz Microbalance Sensitivity by a Straight Optical Procedure. , 2018, , .		0
99	AR1.3 - Real time Proton Transfer Reaction and Electronic Nose simultaneous measurements on same samples. , 2018, , .		0
100	GS4.3 - Gas sensing properties of Porphyrins-Graphene composite electrospun fibers. , 2018, , .		0
101	“Rough guide” evanescent wave optrode for colorimetric metalloporphyrine sensors. <i>Talanta</i> , 2017, 164, 228-232.	5.5	4
102	Sensor array detection of malaria volatile signature in a murine model. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 341-351.	7.8	12
103	Introducing Cobalt(II) Porphyrin/Cobalt(III) Corrole Containing Transducers for Improved Potential Reproducibility and Performance of All-Solid-State Ion-Selective Electrodes. <i>Analytical Chemistry</i> , 2017, 89, 7107-7114.	6.5	52
104	Surface arrangement dependent selectivity of porphyrins gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 524-532.	7.8	30
105	A preliminary analysis of volatile metabolites of human induced pluripotent stem cells along the in vitro differentiation. <i>Scientific Reports</i> , 2017, 7, 1621.	3.3	15
106	Diagnosis of pulmonary tuberculosis and assessment of treatment response through analyses of volatile compound patterns in exhaled breath samples. <i>Journal of Infection</i> , 2017, 74, 367-376.	3.3	72
107	Preface “ Special Issue in Honor of Professor Claudio Ercolani. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, i-i.	0.8	1
108	Electronic tongue based on porphyrins for Apulian red wines defects detection. , 2017, , .		2

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109	Systematic approach in Mg ²⁺ ions analysis with a combination of tailored fluorophore design. <i>Analytica Chimica Acta</i> , 2017, 988, 96-103.	5.4	16
110	Acrolein-Substituted Corroles: A Route to the Preparation of Functionalized Polyacrolein Microspheres for Chemical Sensor Applications. <i>Chemistry - A European Journal</i> , 2017, 23, 14819-14826.	3.3	14
111	BODIPY dyads from a,c-biladiene salts. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7255-7257.	2.8	11
112	Electrostatic Map Of Proteasome β -Rings Encodes The Design of Allosteric Porphyrin-Based Inhibitors Able To Affect 20S Conformation By Cooperative Binding. <i>Scientific Reports</i> , 2017, 7, 17098.	3.3	10
113	Interaction of Pyrene Ligands with Neat and Defective Two Dimensional ZnO: A First Principles Study. <i>MRS Advances</i> , 2017, 2, 2799-2805.	0.9	0
114	The aggregation of amphiphilic (L)-proline-porphyrin derivatives in ethanol-water mixtures promoted by chiral anionic surfactants. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 391-397.	0.8	5
115	Identification of stem cells differentiation steps. , 2017, , .		0
116	Porphyrinoids for Chemical Sensor Applications. <i>Chemical Reviews</i> , 2017, 117, 2517-2583.	47.7	590
117	A Highly Emissive Water-Soluble Phosphorus Corrole. <i>Chemistry - A European Journal</i> , 2017, 23, 905-916.	3.3	26
118	Porphyrins for olfaction mimic: The Rome Tor Vergata approach. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 769-781.	0.8	15
119	FRIO012...Role of volatile compounds released by synovial fluid in the diagnosis of osteoarthritis and rheumatoid arthritis of the knee joint. , 2017, , .		1
120	Enhance of Sensitivity of Corrole Functionalized Polymeric Microspheres Coated Quartz Microbalances. <i>Proceedings (mdpi)</i> , 2017, 1, 406.	0.2	0
121	E-tongue based on Porphyrin Electropolymers for Apulian Red Wines Defects Detection. <i>Proceedings (mdpi)</i> , 2017, 1, 489.	0.2	0
122	Conductive Photo-Activated Porphyrin-ZnO Nanostructured Gas Sensor Array. <i>Sensors</i> , 2017, 17, 747.	3.8	17
123	GC/MS-based Analysis of Volatile Metabolic Profile Along in vitro Differentiation of Human Induced Pluripotent Stem Cells. <i>Bio-protocol</i> , 2017, 7, e2642.	0.4	3
124	Identification of a Large Pool of Microorganisms with an Array of Porphyrin Based Gas Sensors. <i>Sensors</i> , 2016, 16, 466.	3.8	13
125	An Exploration of the Metal Dependent Selectivity of a Metalloporphyrins Coated Quartz Microbalances Array. <i>Sensors</i> , 2016, 16, 1640.	3.8	18
126	The lectin-like oxidized LDL receptor-1: a new potential molecular target in colorectal cancer. <i>Oncotarget</i> , 2016, 7, 14765-14780.	1.8	45

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127	β -Pyrrolopyrazino Annulated Corroles via a Pictet-Spengler Approach. <i>Organic Letters</i> , 2016, 18, 3318-3321.	4.6	14
128	Photographic Detection of Cadmium(II) and Zinc(II) Ions. <i>Procedia Engineering</i> , 2016, 168, 346-350.	1.2	7
129	Detection of diverse potential threats in water with an array of optical sensors. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 997-1004.	7.8	14
130	The scope of the β -halogenation of triarylcorroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 465-474.	0.8	10
131	Extending electronic tongue calibration lifetime through mathematical drift correction: Case study of microcystin toxicity analysis in waters. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 962-968.	7.8	29
132	Vortexes tune the chirality of graphene oxide and its non-covalent hosts. <i>Chemical Communications</i> , 2016, 52, 13094-13096.	4.1	16
133	Spectroscopic characterization of water soluble phosphonato corrole: The effect of H-bonds on the self-assembled species. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1272-1276.	0.8	4
134	Synthesis and characterization of a β -fused tetraporphyrin-phthalocyanine star-shaped array. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1256-1263.	0.8	1
135	NMR spectroscopy of the phenyl derivative of germanium(IV) 5,10,15-tritolylicorrole. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 525-533.	0.8	0
136	Electronic tongue for microcystin screening in waters. <i>Biosensors and Bioelectronics</i> , 2016, 80, 154-160.	10.1	40
137	Interaction of VOCs with pyrene tetratopic ligands layered on ZnO nanorods under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 324, 62-69.	3.9	17
138	Wine and Combined Electronic Nose and Tongue. , 2016, , 301-307.		4
139	Selective nitration and bromination of surprisingly ruffled phosphorus corroles. <i>Journal of Inorganic Biochemistry</i> , 2016, 158, 17-23.	3.5	22
140	Volatile signature for the early diagnosis of lung cancer. <i>Journal of Breath Research</i> , 2016, 10, 016007.	3.0	108
141	Reduced graphene oxide as efficient and stable hole transporting material in mesoscopic perovskite solar cells. <i>Nano Energy</i> , 2016, 22, 349-360.	16.0	166
142	Extending the corrole ring conjugation: preparation of β , β -fused 2,3-[1,2-b]pyrazinocorroles. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2891-2897.	2.8	10
143	Spontaneous Deposition of Porphyrin-Based Layers on Polylysinated Substrates: Role of the Central Metal on Layer Structural and Sensing Properties. <i>Journal of Physical Chemistry C</i> , 2016, 120, 724-730.	3.1	6
144	The interaction of a β -fused isoindoline-porphyrin conjugate with nucleic acids. <i>New Journal of Chemistry</i> , 2016, 40, 5662-5665.	2.8	6

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145	Investigation of VOCs associated with different characteristics of breast cancer cells. Scientific Reports, 2015, 5, 13246.	3.3	60
146	The lung cancer breath signature: a comparative analysis of exhaled breath and air sampled from inside the lungs. Scientific Reports, 2015, 5, 16491.	3.3	82
147	Room Temperature CO Detection by Hybrid Porphyrin-ZnO Nanoparticles. Procedia Engineering, 2015, 120, 71-74.	1.2	9
148	Analysis of exhaled breath fingerprints and volatile organic compounds in COPD. COPD Research and Practice, 2015, 1, .	0.7	33
149	Efficient Synthesis of β -alkynylcorroles. European Journal of Organic Chemistry, 2015, 2015, 6811-6816.	2.4	22
150	Widening the scope of the corrole sulfonation. Journal of Porphyrins and Phthalocyanines, 2015, 19, 735-744.	0.8	9
151	Detection of Toxic Compounds in Water with an Array of Optical Reporters. Procedia Engineering, 2015, 120, 146-149.	1.2	2
152	High resolution surface characterization of chromophore-modified graphene. , 2015, , .		0
153	The gas sensing properties of one-pot prepared porphyrin-ZnO nanoparticles. , 2015, , .		1
154	Combining porphyrins and pH indicators for analyte detection. Analytical and Bioanalytical Chemistry, 2015, 407, 3975-3984.	3.7	16
155	Electrochemistry and spectroelectrochemistry of β -pyrazino-fused tetraarylporphyrins in nonaqueous media. Journal of Porphyrins and Phthalocyanines, 2015, 19, 388-397.	0.8	5
156	Synthesis and functionalization of β -alkyl-meso-triarylcorroles. Journal of Porphyrins and Phthalocyanines, 2015, 19, 865-873.	0.8	3
157	Corroles-Porphyrins: A Teamwork for Gas Sensor Arrays. Sensors, 2015, 15, 8121-8130.	3.8	31
158	Corrole and nucleophilic aromatic substitution are not incompatible: a novel route to 2,3-difunctionalized copper corrolates. Organic and Biomolecular Chemistry, 2015, 13, 6611-6618.	2.8	9
159	5,10,15-Triferrocenylcorrole Complexes. Inorganic Chemistry, 2015, 54, 10256-10268.	4.0	18
160	The light modulation of the interaction of l-cysteine with porphyrins coated ZnO nanorods. Sensors and Actuators B: Chemical, 2015, 209, 613-621.	7.8	14
161	Multi-transduction sensing films for Electronic Tongue applications. Sensors and Actuators B: Chemical, 2015, 207, 1076-1086.	7.8	34
162	Palladium complexes based nanogravimetric sensors for carbon monoxide detection. Sensors and Actuators B: Chemical, 2015, 208, 334-338.	7.8	15

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163	Quartz crystal microbalance gas sensor arrays for the quality control of chocolate. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 1114-1120.	7.8	45
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