Alberto Bianco

List of Publications by Year
in descending order

156 papers	17,754 citations	23567 58 h-index	12946 131 g-index
165 all docs	165 docs citations	165 times ranked	21842 citing authors

#	Article	IF	Citations
1	Science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems. Nanoscale, 2015, 7, 4598-4810.	5.6	2,452
2	Cellular uptake of functionalized carbon nanotubes is independent of functional group and cell type. Nature Nanotechnology, 2007, 2, 108-113.	31.5	1,035
3	Tissue biodistribution and blood clearance rates of intravenously administered carbon nanotube radiotracers. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3357-3362.	7.1	995
4	Functionalized Carbon Nanotubes for Plasmid DNA Gene Delivery. Angewandte Chemie - International Edition, 2004, 43, 5242-5246.	13.8	977
5	Promises, facts and challenges for graphene in biomedical applications. Chemical Society Reviews, 2017, 46, 4400-4416.	38.1	564
6	Synthesis, Structural Characterization, and Immunological Properties of Carbon Nanotubes Functionalized with Peptides. Journal of the American Chemical Society, 2003, 125, 6160-6164.	13.7	507
7	Graphene: Safe or Toxic? The Two Faces of the Medal. Angewandte Chemie - International Edition, 2013, 52, 4986-4997.	13.8	507
8	Immunization with Peptide-Functionalized Carbon Nanotubes Enhances Virus-Specific Neutralizing Antibody Responses. Chemistry and Biology, 2003, 10, 961-966.	6.0	492
9	Safety Assessment of Graphene-Based Materials: Focus on Human Health and the Environment. ACS Nano, 2018, 12, 10582-10620.	14.6	438
10	Classification Framework for Grapheneâ€Based Materials. Angewandte Chemie - International Edition, 2014, 53, 7714-7718.	13.8	369
11	Biomedical Uses for 2D Materials Beyond Graphene: Current Advances and Challenges Ahead. Advanced Materials, 2016, 28, 6052-6074.	21.0	335
12	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	4.4	333
13	Making carbon nanotubes biocompatible and biodegradable. Chemical Communications, 2011, 47, 10182.	4.1	323
14	Amino acid functionalisation of water soluble carbon nanotubes. Chemical Communications, 2002, , 3050-3051.	4.1	312
15	Length-Dependent Retention of Carbon Nanotubes in the Pleural Space of Mice Initiates Sustained Inflammation and Progressive Fibrosis on the Parietal Pleura. American Journal of Pathology, 2011, 178, 2587-2600.	3.8	278
16	Fullerene C60 as a multifunctional system for drug and gene delivery. Nanoscale, 2011, 3, 4035.	5.6	263
17	Graphene as Cancer Theranostic Tool: Progress and Future Challenges. Theranostics, 2015, 5, 710-723.	10.0	236
18	Dispersibilityâ€Dependent Biodegradation of Graphene Oxide by Myeloperoxidase. Small, 2015, 11, 3985-3994.	10.0	215

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19	Endowing carbon nanotubes with biological and biomedical properties by chemical modifications. Advanced Drug Delivery Reviews, 2013, 65, 1899-1920.	13.7	206
20	Evidencing the mask effect of graphene oxide: a comparative study on primary human and murine phagocytic cells. Nanoscale, 2013, 5, 11234.	5.6	166
21	Oxidative biodegradation of single- and multi-walled carbon nanotubes. Nanoscale, 2011, 3, 893-896.	5.6	162
22	Biocompatibility and biodegradability of 2D materials: graphene and beyond. Chemical Communications, 2019, 55, 5540-5546.	4.1	158
23	Asbestosâ€like Pathogenicity of Long Carbon Nanotubes Alleviated by Chemical Functionalization. Angewandte Chemie - International Edition, 2013, 52, 2274-2278.	13.8	153
24	Carbon Nanotube Degradation in Macrophages: Live Nanoscale Monitoring and Understanding of Biological Pathway. ACS Nano, 2015, 9, 10113-10124.	14.6	143
25	Functionalized multiwalled carbon nanotubes as ultrasound contrast agents. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16612-16617.	7.1	139
26	Chemical reactivity of graphene oxide towards amines elucidated by solid-state NMR. Nanoscale, 2016, 8, 13714-13721.	5.6	136
27	Degradation of Singleâ€Layer and Fewâ€Layer Graphene by Neutrophil Myeloperoxidase. Angewandte Chemie - International Edition, 2018, 57, 11722-11727.	13.8	135
28	Tissue distribution and urinary excretion of intravenously administered chemically functionalized graphene oxide sheets. Chemical Science, 2015, 6, 3952-3964.	7.4	116
29	Single-cell mass cytometry and transcriptome profiling reveal the impact of graphene on human immune cells. Nature Communications, 2017, 8, 1109.	12.8	111
30	Cellular uptake mechanisms of functionalised multi-walled carbon nanotubes by 3D electron tomography imaging. Nanoscale, 2011, 3, 2627.	5.6	110
31	Degree of Chemical Functionalization of Carbon Nanotubes Determines Tissue Distribution and Excretion Profile. Angewandte Chemie - International Edition, 2012, 51, 6389-6393.	13.8	109
32	Functionalized carbon nanotubes as immunomodulator systems. Biomaterials, 2013, 34, 4395-4403.	11.4	109
33	Enzymatic Biodegradability of Pristine and Functionalized Transition Metal Dichalcogenide MoS₂ Nanosheets. Advanced Functional Materials, 2017, 27, 1605176.	14.9	109
34	Graphene and the immune system: Challenges and potentiality. Advanced Drug Delivery Reviews, 2016, 105, 163-175.	13.7	105
35	In vivo degradation of functionalized carbon nanotubes after stereotactic administration in the brain cortex. Nanomedicine, 2012, 7, 1485-1494.	3.3	104
36	Impact of carbon nanotubes and graphene on immune cells. Journal of Translational Medicine, 2014, 12, 138.	4.4	104

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37	Graphene-based nanomaterials for nanobiotechnology and biomedical applications. Nanomedicine, 2013, 8, 1669-1688.	3.3	99
38	Molecular and Genomic Impact of Large and Small Lateral Dimension Graphene Oxide Sheets on Human Immune Cells from Healthy Donors. Advanced Healthcare Materials, 2016, 5, 276-287.	7.6	90
39	Chemical Functionalization of Nanodiamonds: Opportunities and Challenges Ahead. Angewandte Chemie - International Edition, 2019, 58, 17918-17929.	13.8	83
40	A carbon science perspective in 2018: Current achievements and future challenges. Carbon, 2018, 132, 785-801.	10.3	80
41	Controlling covalent chemistry on graphene oxide. Nature Reviews Physics, 2022, 4, 247-262.	26.6	78
42	Carbon science perspective in 2020: Current research and future challenges. Carbon, 2020, 161, 373-391.	10.3	77
43	Hard Nanomaterials in Time of Viral Pandemics. ACS Nano, 2020, 14, 9364-9388.	14.6	76
44	Two-Dimensional Material-Based Biosensors for Virus Detection. ACS Sensors, 2020, 5, 3739-3769.	7.8	73
45	Carbon nanomaterials combined with metal nanoparticles for theranostic applications. British Journal of Pharmacology, 2015, 172, 975-991.	5.4	72
46	Ex vivo impact of functionalized carbon nanotubes on human immune cells. Nanomedicine, 2012, 7, 231-243.	3.3	71
47	The Effects of Extensive Glomerular Filtration of Thin Graphene Oxide Sheets on Kidney Physiology. ACS Nano, 2016, 10, 10753-10767.	14.6	70
48	Banning carbon nanotubes would be scientifically unjustified and damaging to innovation. Nature Nanotechnology, 2020, 15, 164-166.	31.5	69
49	White Graphene undergoes Peroxidase Degradation. Angewandte Chemie - International Edition, 2016, 55, 5506-5511.	13.8	67
50	Insertion of Short Amino-Functionalized Single-Walled Carbon Nanotubes into Phospholipid Bilayer Occurs by Passive Diffusion. PLoS ONE, 2012, 7, e40703.	2.5	67
51	Tumor Stiffening, a Key Determinant of Tumor Progression, is Reversed by Nanomaterial-Induced Photothermal Therapy. Theranostics, 2017, 7, 329-343.	10.0	66
52	Selfâ€Assembly of Tyrosine into Controlled Supramolecular Nanostructures. Chemistry - A European Journal, 2015, 21, 11681-11686.	3.3	63
53	Covalent chemical functionalization enhances the biodegradation of graphene oxide. 2D Materials, 2018, 5, 015020.	4.4	63
54	How do functionalized carbon nanotubes land on, bind to and pierce through model and plasma membranes. Nanoscale, 2013, 5, 10242.	5.6	61

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55	Degradation-by-design: Surface modification with functional substrates that enhance the enzymatic degradation of carbon nanotubes. Biomaterials, 2015, 72, 20-28.	11.4	61
56	Thickness of functionalized graphene oxide sheets plays critical role in tissue accumulation and urinary excretion: A pilot PET/CT study. Applied Materials Today, 2016, 4, 24-30.	4.3	61
57	Degradation-by-design: how chemical functionalization enhances the biodegradability and safety of 2D materials. Chemical Society Reviews, 2020, 49, 6224-6247.	38.1	61
58	Fewâ€Layer Graphene Kills Selectively Tumor Cells from Myelomonocytic Leukemia Patients. Angewandte Chemie - International Edition, 2017, 56, 3014-3019.	13.8	59
59	Physically-triggered nanosystems based on two-dimensional materials for cancer theranostics. Advanced Drug Delivery Reviews, 2019, 138, 211-232.	13.7	56
60	A Biodegradable Multifunctional Graphene Oxide Platform for Targeted Cancer Therapy. Advanced Functional Materials, 2019, 29, 1901761.	14.9	54
61	Oneâ€Pot Triple Functionalization of Carbon Nanotubes. Chemistry - A European Journal, 2011, 17, 3222-3227.	3.3	52
62	A Flexible Method for Covalent Double Functionalization of Graphene Oxide. Angewandte Chemie - International Edition, 2020, 59, 1542-1547.	13.8	52
63	Designing multimodal carbon nanotubes by covalent multi-functionalization. Nanoscale, 2016, 8, 18596-18611.	5.6	51
64	Potentiometric titration as a straightforward method to assess the number of functional groups on shortened carbon nanotubes. Carbon, 2010, 48, 2447-2454.	10.3	48
65	Enzymatic Degradation of Graphene Quantum Dots by Human Peroxidases. Small, 2019, 15, e1905405.	10.0	46
66	Multifunctional adamantane derivatives as new scaffolds for the multipresentation of bioactive peptides. Journal of Peptide Science, 2015, 21, 330-345.	1.4	44
67	Sizeâ€Dependent Pulmonary Impact of Thin Graphene Oxide Sheets in Mice: Toward Safeâ€byâ€Design. Advanced Science, 2020, 7, 1903200.	11.2	44
68	Safety concerns on graphene and 2D materials: a Flagship perspective. 2D Materials, 2015, 2, 030201.	4.4	43
69	Graphene Oxide Flakes Tune Excitatory Neurotransmission in Vivo by Targeting Hippocampal Synapses. Nano Letters, 2019, 19, 2858-2870.	9.1	43
70	Self-assembly of diphenylalanine backbone homologues and their combination with functionalized carbon nanotubes. Nanoscale, 2015, 7, 15873-15879.	5.6	42
71	How can nanotechnology help the fight against breast cancer?. Nanoscale, 2018, 10, 11719-11731.	5.6	42
72	Controlled derivatization of hydroxyl groups of graphene oxide in mild conditions. 2D Materials, 2018, 5, 035037.	4.4	42

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73	A glutathione responsive nanoplatform made of reduced graphene oxide and MnO2 nanoparticles for photothermal and chemodynamic combined therapy. Carbon, 2021, 178, 783-791.	10.3	41
74	Carbon nanomaterials as new tools for immunotherapeutic applications. Journal of Materials Chemistry B, 2014, 2, 6144-6156.	5.8	39
75	Multifunctional carbon nanomaterial hybrids for magnetic manipulation and targeting. Biochemical and Biophysical Research Communications, 2015, 468, 454-462.	2.1	39
76	Neutron Activated ¹⁵³Sm Sealed in Carbon Nanocapsules for in Vivo Imaging and Tumor Radiotherapy. ACS Nano, 2020, 14, 129-141.	14.6	37
77	Controlled functionalization of carbon nanodots for targeted intracellular production of reactive oxygen species. Nanoscale Horizons, 2020, 5, 1240-1249.	8.0	36
78	Functionalized Carbon Nanotubes Are Non-Cytotoxic and Preserve the Functionality of Primary Immune Cells. Nano Letters, 2006, 6, 3003-3003.	9.1	34
79	The perception of nanotechnology and nanomedicine: a worldwide social media study. Nanomedicine, 2014, 9, 1475-1486.	3.3	34
80	Graphene: A Disruptive Opportunity for COVIDâ€19 and Future Pandemics?. Advanced Materials, 2021, 33, e2007847.	21.0	34
81	Multifunctionalized carbon nanotubes as advanced multimodal nanomaterials for biomedical applications. Nanotechnology Reviews, 2012, 1, 17-29.	5.8	33
82	â€œUltramixingâ€• A Simple and Effective Method To Obtain Controlled and Stable Dispersions of Graphene Oxide in Cell Culture Media. ACS Applied Materials & Interfaces, 2019, 11, 7695-7702.	8.0	33
83	Growth of ZIF-8 Nanoparticles In Situ on Graphene Oxide Nanosheets: A Multifunctional Nanoplatform for Combined Ion-Interference and Photothermal Therapy. ACS Nano, 2022, 16, 11428-11443.	14.6	33
84	Stimulation of bone formation by monocyte-activator functionalized graphene oxide in vivo. Nanoscale, 2019, 11, 19408-19421.	5.6	32
85	Covalent Functionalization of Multiâ€walled Carbon Nanotubes with a Gadolinium Chelate for Efficient T₁â€Weighted Magnetic Resonance Imaging. Advanced Functional Materials, 2014, 24, 7173-7186.	14.9	31
86	A comparative study on the enzymatic biodegradability of covalently functionalized double- and multi-walled carbon nanotubes. Carbon, 2016, 100, 367-374.	10.3	30
87	Comparative Effects of Graphene and Molybdenum Disulfide on Human Macrophage Toxicity. Small, 2020, 16, e2002194.	10.0	30
88	Biodegradation of graphene materials catalyzed by human eosinophil peroxidase. Faraday Discussions, 2021, 227, 189-203.	3.2	30
89	Elucidation of siRNA complexation efficiency by graphene oxide and reduced graphene oxide. Carbon, 2017, 122, 643-652.	10.3	29
90	Graphene, other carbon nanomaterials and the immune system: toward nanoimmunity-by-design. JPhys Materials, 2020, 3, 034009.	4.2	29

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91	Self-assembly of amphiphilic amino acid derivatives for biomedical applications. Chemical Society Reviews, 2022, 51, 3535-3560.	38.1	29
92	Design of antibody-functionalized carbon nanotubes filled with radioactivable metals towards a targeted anticancer therapy. Nanoscale, 2016, 8, 12626-12638.	5.6	28
93	Enhancement of anti-inflammatory drug activity by multivalent adamantane-based dendrons. Biomaterials, 2012, 33, 5610-5617.	11.4	27
94	Strategies for the Controlled Covalent Double Functionalization of Graphene Oxide. Chemistry - A European Journal, 2020, 26, 6591-6598.	3.3	27
95	Graphene oxide size and oxidation degree govern its supramolecular interactions with siRNA. Nanoscale, 2018, 10, 5965-5974.	5.6	26
96	Is carboxylation an efficient method for graphene oxide functionalization?. Nanoscale Advances, 2020, 2, 4085-4092.	4.6	26
97	Direct visualization of carbon nanotube degradation in primary cells by photothermal imaging. Nanoscale, 2017, 9, 4642-4645.	5.6	25
98	Rational Chemical Multifunctionalization of Graphene Interface Enhances Targeted Cancer Therapy. Angewandte Chemie - International Edition, 2020, 59, 14034-14039.	13.8	25
99	Recent Advances in 2D Materialâ€Mediated Immunoâ€Combined Cancer Therapy. Small, 2021, 17, e2102557.	10.0	25
100	HYDRAmers: design, synthesis and characterization of different generation novel Hydra-like dendrons based on multifunctionalized adamantane. Chemical Communications, 2011, 47, 8955.	4.1	24
101	Immunological impact of graphene oxide sheets in the abdominal cavity is governed by surface reactivity. Archives of Toxicology, 2018, 92, 3359-3379.	4.2	24
102	Protected Amino Acidâ€“Based Hydrogels Incorporating Carbon Nanomaterials for Near-Infrared Irradiation-Triggered Drug Release. ACS Applied Materials & Interfaces, 2019, 11, 13147-13157.	8.0	24
103	Reaction between Graphene Oxide and Intracellular Glutathione Affects Cell Viability and Proliferation. ACS Applied Materials & Interfaces, 2021, 13, 3528-3535.	8.0	24
104	Degradation of Structurally Defined Graphene Nanoribbons by Myeloperoxidase and the Photoâ€Fenton Reaction. Angewandte Chemie - International Edition, 2020, 59, 18515-18521.	13.8	23
105	Peroxidase mimicking DNAzymes degrade graphene oxide. Nanoscale, 2018, 10, 19316-19321.	5.6	22
106	Improved Biocompatibility of Aminoâ€Functionalized Graphene Oxide in Caenorhabditis elegans. Small, 2019, 15, e1902699.	10.0	22
107	Intracellular degradation of functionalized carbon nanotube/iron oxide hybrids is modulated by iron via Nrf2 pathway. Scientific Reports, 2017, 7, 40997.	3.3	20
108	White Graphene undergoes Peroxidase Degradation. Angewandte Chemie, 2016, 128, 5596-5601.	2.0	19

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109	Intracerebral Injection of Graphene Oxide Nanosheets Mitigates Microglial Activation Without Inducing Acute Neurotoxicity: A Pilot Comparison to Other Nanomaterials. Small, 2020, 16, e2004029.	10.0	19
110	The impact of graphene oxide sheet lateral dimensions on their pharmacokinetic and tissue distribution profiles in mice. Journal of Controlled Release, 2021, 338, 330-340.	9.9	19
111	Carbon science perspective in 2022: Current research and future challenges. Carbon, 2022, 195, 272-291.	10.3	19
112	Adamantane-based dendrons for trimerization of the therapeutic P140 peptide. Biomaterials, 2014, 35, 7553-7561.	11.4	18
113	Controlled Chemical Derivatisation of Carbon Nanotubes with Imaging, Targeting, and Therapeutic Capabilities. Chemistry - A European Journal, 2015, 21, 14886-14892.	3.3	18
114	Examining the impact of multi-layer graphene using cellular and amphibian models. 2D Materials, 2016, 3, 025009.	4.4	18
115	Neutron-irradiated antibody-functionalised carbon nanocapsules for targeted cancer radiotherapy. Carbon, 2020, 162, 410-422.	10.3	18
116	Immunomodulatory properties of carbon nanotubes are able to compensate immune function dysregulation caused by microgravity conditions. Nanoscale, 2014, 6, 9599-9603.	5.6	17
117	Carbon Nanomaterials Applied for the Treatment of Inflammatory Diseases: Preclinical Evidence. Advanced Therapeutics, 2020, 3, 2000051.	3.2	17
118	Gadolinium-Incorporated Carbon Nanodots for T₁-Weighted Magnetic Resonance Imaging. ACS Applied Nano Materials, 2021, 4, 1467-1477.	5.0	17
119	Hazard assessment of abraded thermoplastic composites reinforced with reduced graphene oxide. Journal of Hazardous Materials, 2022, 435, 129053.	12.4	16
120	Combined Photothermal and Photodynamic Therapy for Cancer Treatment Using a Multifunctional Graphene Oxide. Pharmaceutics, 2022, 14, 1365.	4.5	16
121	Toxicological evaluation of highly water dispersible few-layer graphene inÂvivo. Carbon, 2020, 170, 347-360.	10.3	15
122	Few Layer Graphene Does Not Affect Cellular Homeostasis of Mouse Macrophages. Nanomaterials, 2020, 10, 228.	4.1	15
123	How macrophages respond to two-dimensional materials: a critical overview focusing on toxicity. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 333-356.	1.5	15
124	Boron Nitride Nanosheets Can Induce Water Channels Across Lipid Bilayers Leading to Lysosomal Permeabilization. Advanced Materials, 2021, 33, e2103137.	21.0	15
125	Kinetics of 1Hâ€“13C multiple-contact cross-polarization as a powerful tool to determine the structure and dynamics of complex materials: application to graphene oxide. Physical Chemistry Chemical Physics, 2020, 22, 12209-12227.	2.8	14
126	Covalent double functionalization of graphene oxide for proton conductive and redox-active functions. Applied Materials Today, 2021, 24, 101120.	4.3	14

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127	A Straightforward Approach to Multifunctional Graphene. Chemistry - A European Journal, 2019, 25, 13218-13223.	3.3	12
128	Evaluation of the immunological profile of antibody-functionalized metal-filled single-walled carbon nanocapsules for targeted radiotherapy. Scientific Reports, 2017, 7, 42605.	3.3	11
129	A closer look at the genotoxicity of graphene based materials. JPhys Materials, 2020, 3, 014007.	4.2	10
130	Nose-to-Brain Translocation and Cerebral Biodegradation of Thin Graphene Oxide Nanosheets. Cell Reports Physical Science, 2020, 1, 100176.	5.6	10
131	Toward Highâ€Dimensional Singleâ€Cell Analysis of Graphene Oxide Biological Impact: Tracking on Immune Cells by Singleâ€Cell Mass Cytometry. Small, 2020, 16, 2000123.	10.0	10
132	Rational Chemical Multifunctionalization of Graphene Interface Enhances Targeted Cancer Therapy. Angewandte Chemie, 2020, 132, 14138-14143.	2.0	10
133	Aromatic Dipeptide Homologue-Based Hydrogels for Photocontrolled Drug Release. Nanomaterials, 2022, 12, 1643.	4.1	10
134	Radiolabeling, whole-body single photon emission computed tomography/computed tomography imaging, and pharmacokinetics of carbon nanohorns in mice. International Journal of Nanomedicine, 2016, Volume 11, 3317-3330.	6.7	9
135	Fewâ€Layer Graphene Kills Selectively Tumor Cells from Myelomonocytic Leukemia Patients. Angewandte Chemie, 2017, 129, 3060-3065.	2.0	9
136	Degradation of Singleâ€Layer and Fewâ€Layer Graphene by Neutrophil Myeloperoxidase. Angewandte Chemie, 2018, 130, 11896-11901.	2.0	9
137	A Flexible Method for Covalent Double Functionalization of Graphene Oxide. Angewandte Chemie, 2020, 132, 1558-1563.	2.0	9
138	Graphene oxide activates B cells with upregulation of granzyme B expression: evidence at the single-cell level for its immune-modulatory properties and anticancer activity. Nanoscale, 2022, 14, 333-349.	5.6	9
139	Chemical Functionalization of Nanodiamonds: Opportunities and Challenges Ahead. Angewandte Chemie, 2019, 131, 18084-18095.	2.0	8
140	Few layer graphene does not affect the function and the autophagic activity of primary lymphocytes. Nanoscale, 2019, 11, 10493-10503.	5.6	8
141	Partial Reversibility of the Cytotoxic Effect Induced by Graphene-Based Materials in Skin Keratinocytes. Nanomaterials, 2020, 10, 1602.	4.1	8
142	Lateral dimension and amino-functionalization on the balance to assess the single-cell toxicity of graphene on fifteen immune cell types. NanoImpact, 2021, 23, 100330.	4.5	8
143	2D Materials and Primary Human Dendritic Cells: A Comparative Cytotoxicity Study. Small, 2022, 18, e2107652.	10.0	7
144	Hybrid Interfaces Made of Nanotubes and Backbone-Altered Dipeptides Tune Neuronal Network Architecture. ACS Chemical Neuroscience, 2020, 11, 162-172.	3.5	5

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145	Design of a graphene oxide-BODIPY conjugate for glutathione depletion and photodynamic therapy. 2D Materials, 2022, 9, 015038.	4.4	5
146	Multifunctional Carbon Nanodots: Enhanced Nearâ€Infrared Photosensitizing, Photothermal Activity, and Body Clearance. Small Science, 2022, 2, .	9.9	5
147	Nanobiosensor Reports on CDK1 Kinase Activity in Tumor Xenografts in Mice. Small, 2021, 17, 2007177.	10.0	4
148	Fluorescent-fipronil: Design and synthesis of a stable conjugate. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2631-2635.	2.2	3
149	Singleâ€Cell Analysis: Toward Highâ€Dimensional Singleâ€Cell Analysis of Graphene Oxide Biological Impact: Tracking on Immune Cells by Singleâ€Cell Mass Cytometry (Small 21/2020). Small, 2020, 16, 2070117.	10.0	3
150	Targeting B Lymphocytes Using Proteinâ€Functionalized Graphene Oxide. Advanced NanoBiomed Research, 2021, 1, 2100060.	3.6	3
151	The importance of molecular structure and functionalization of oxo-graphene sheets for gene silencing. Carbon, 2022, , .	10.3	3
152	Electrochemical modification of carbon nanotube fibres. Nanoscale, 2022, 14, 9313-9322.	5.6	2
153	Mechanics of biosurfactant aided liquid phase exfoliation of 2D materials. Forces in Mechanics, 2022, 8, 100098.	2.8	2
154	Degradation of Structurally Defined Graphene Nanoribbons by Myeloperoxidase and the Photoâ€Fenton Reaction. Angewandte Chemie, 2020, 132, 18673-18679.	2.0	1
155	InnenrÃ¼cktitelbild: Rational Chemical Multifunctionalization of Graphene Interface Enhances Targeted Cancer Therapy (Angew. Chem. 33/2020). Angewandte Chemie, 2020, 132, 14267-14267.	2.0	0
156	Synthesis and Characterization of Adamantaneâ€Containing Heteropeptides with a Chirality Switch. European Journal of Organic Chemistry, 2020, 2020, 815-820.	2.4	0