Vincenzo Abbate

List of Publications by Year in descending order

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		236925	302126
128	2,121	25	39
papers	citations	h-index	g-index
131	131	131	3266
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Polyethylene Glycol Conjugated Polymeric Nanocapsules for Targeted Delivery of Quercetin to Folate-Expressing Cancer Cells <i>in Vitro</i> and <i>in Vivo</i> . ACS Nano, 2014, 8, 1384-1401.	14.6	155
2	Conformational Flexibility Determines Selectivity and Antibacterial, Antiplasmodial, and Anticancer Potency of Cationic α-Helical Peptides*. Journal of Biological Chemistry, 2012, 287, 34120-34133.	3.4	78
3	Iron-sensitive fluorescent probes: monitoring intracellular iron pools. Metallomics, 2015, 7, 212-222.	2.4	76
4	Anabolic steroids detected in bodybuilding dietary supplements – a significant risk to public health. Drug Testing and Analysis, 2015, 7, 609-618.	2.6	75
5	⁶⁸ Ga-THP-PSMA: A PET Imaging Agent for Prostate Cancer Offering Rapid, Room-Temperature, 1-Step Kit-Based Radiolabeling. Journal of Nuclear Medicine, 2017, 58, 1270-1277.	5.0	75
6	Biomimetic catalysis at silicon centre using molecularly imprinted polymers. Journal of Catalysis, 2011, 284, 68-76.	6.2	70
7	Taggant materials in forensic science: A review. TrAC - Trends in Analytical Chemistry, 2016, 83, 49-54.	11.4	54
8	Hydroxypyridinone Journey into Metal Chelation. Chemical Reviews, 2018, 118, 7657-7701.	47.7	52
9	Quantitation of hepcidin in serum using ultraâ€highâ€pressure liquid chromatography and a linear ion trap mass spectrometer. Rapid Communications in Mass Spectrometry, 2010, 24, 1251-1259.	1.5	49
10	Synthesis of double-clickable functionalised graphene oxide for biological applications. Chemical Communications, 2015, 51, 14981-14984.	4.1	43
11	Low-cost, self-made CAD/CAM-guiding system for mandibular reconstruction. Surgical Oncology, 2018, 27, 200-207.	1.6	43
12	Novel Hyaluronic Acid Conjugates for Dual Nuclear Imaging and Therapy in CD44-Expressing Tumors in Mice <i>In Vivo</i> . Nanotheranostics, 2017, 1, 59-79.	5.2	42
13	The ongoing challenge of novel psychoactive drugs of abuse. Part I. Synthetic cannabinoids (IUPAC) Tj ETQq1 1	0.784314 1.9	rgBT /Overloc
14	The epidemiological analysis of maxillofacial fractures in Italy: The experience of a single tertiary center with 1720 patients. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 1319-1326.	1.7	39
15	Incorporation of 2,3â€Ðiaminopropionic Acid into Linear Cationic Amphipathic Peptides Produces pHâ€Sensitive Vectors. ChemBioChem, 2010, 11, 1266-1272.	2.6	36
16	Solvent-Free Click-Mechanochemistry for the Preparation of Cancer Cell Targeting Graphene Oxide. ACS Applied Materials & Interfaces, 2015, 7, 18920-18923.	8.0	35
17	3D-QSAR assisted identification of FABP4 inhibitors: An effective scaffold hopping analysis/QSAR evaluation. Bioorganic Chemistry, 2019, 84, 276-284.	4.1	32
18	Head and neck myxofibrosarcoma: a case report and review of the literature. Journal of Medical Case Reports, 2014, 8, 468.	0.8	30

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#	Article	IF	CITATIONS
19	Pre-treatment Neutrophil-to-Lymphocyte Ratio as a predictor for occult cervical metastasis in early stage (T1-T2 cN0) squamous cell carcinoma of the oral tongue. Surgical Oncology, 2018, 27, 503-507.	1.6	30
20	Detection of mephedrone and its metabolites in fingerprints from a controlled human administration study by liquid chromatography-tandem mass spectrometry and paper spray-mass spectrometry. Analyst, The, 2020, 145, 3038-3048.	3.5	30
21	Discovery of High-Affinity Cannabinoid Receptors Ligands through a 3D-QSAR Ushered by Scaffold-Hopping Analysis. Molecules, 2018, 23, 2183.	3.8	29
22	Postoperative complications after removal of pleomorphic adenoma from the parotid gland: A long-term follow up of 297 patients from 2002 to 2016 and a review of publications. British Journal of Oral and Maxillofacial Surgery, 2019, 57, 998-1002.	0.8	29
23	Warthin's tumour: Aetiopathogenesis dilemma, ten years of our experience. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 427-431.	1.7	28
24	Photocrosslinked bovine serum albumin hydrogels with partial retention of esterase activity. Enzyme and Microbial Technology, 2012, 50, 130-136.	3.2	27
25	Analytical characterization of three cathinone derivatives, 4â€MPD, 4F–PHP and bkâ€EPDP, purchased as bulk powder from online vendors. Drug Testing and Analysis, 2018, 10, 372-378.	2.6	27
26	Simple and mild preparation of silica-enzyme composites from silicic acid solution. Journal of Materials Chemistry, 2009, 19, 7606.	6.7	26
27	A health technology assessment between two pharmacological therapies through Six Sigma: the case study of bone cancer. TQM Journal, 2020, 32, 1507-1524.	3.3	26
28	Enzyme mediated silicon–oxygen bond formation; the use of Rhizopus oryzae lipase, lysozyme and phytase under mild conditions. Dalton Transactions, 2010, 39, 9361.	3.3	25
29	Reconstruction of Small Orbital Floor Fractures With Resorbable Collagen Membranes. Journal of Craniofacial Surgery, 2013, 24, 571-574.	0.7	23
30	Dual selective iron chelating probes with a potential to monitor mitochondrial labile iron pools. Chemical Communications, 2016, 52, 784-787.	4.1	23
31	Monitoring Criminal Activity through Invisible Fluorescent "Peptide Coding―Taggants. Analytical Chemistry, 2016, 88, 4456-4460.	6.5	22
32	Iron in biology. Metallomics, 2017, 9, 1467-1469.	2.4	22
33	Extracranial primary and secondary meningiomas. International Journal of Oral and Maxillofacial Surgery, 2012, 41, 211-217.	1.5	20
34	A Powerful Mitochondria-Targeted Iron Chelator Affords High Photoprotection against Solar Ultraviolet A Radiation. Journal of Investigative Dermatology, 2016, 136, 1692-1700.	0.7	20
35	Stability of synthetic cathinones in clinical and forensic toxicological analysis—Where are we now?. Drug Testing and Analysis, 2021, 13, 44-68.	2.6	20
36	FABP4 inhibitors 3D-QSAR model and isosteric replacement of BMS309403 datasets. Data in Brief, 2019, 22, 471-483.	1.0	19

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37	Comparative Untargeted Metabolomics Analysis of the Psychostimulants 3,4-Methylenedioxy-Methamphetamine (MDMA), Amphetamine, and the Novel Psychoactive Substance Mephedrone after Controlled Drug Administration to Humans. Metabolites, 2020, 10, 306.	2.9	19
38	Midcheek mass: 10 year of clinical experience. Journal of Cranio-Maxillo-Facial Surgery, 2014, 42, e353-e358.	1.7	18
39	A large scale enzyme screen in the search for new methods of silicon–oxygen bond formation. Journal of Inorganic Biochemistry, 2011, 105, 268-275.	3.5	17
40	Deferitazole, a new orally active iron chelator. Dalton Transactions, 2015, 44, 5197-5204.	3.3	17
41	Structure-Based Approach for the Prediction of Mu-opioid Binding Affinity of Unclassified Designer Fentanyl-Like Molecules. International Journal of Molecular Sciences, 2019, 20, 2311.	4.1	16
42	The role of mitochondrial labile iron in Friedreich's ataxia skin fibroblasts sensitivity to ultraviolet A. Metallomics, 2019, 11, 656-665.	2.4	16
43	Stability of mephedrone and five of its phase I metabolites in human whole blood. Drug Testing and Analysis, 2019, 11, 586-594.	2.6	16
44	Palatovaginal (pharyngeal) artery: clinical implication and surgical experience. European Archives of Oto-Rhino-Laryngology, 2014, 271, 2839-2843.	1.6	15
45	Design of novel fluorescent mitochondria-targeted peptides with iron-selective sensing activity. Biochemical Journal, 2015, 469, 357-366.	3.7	15
46	Ambient ionization mass spectrometry applied to new psychoactive substance analysis. Mass Spectrometry Reviews, 2023, 42, 3-34.	5.4	15
47	Surgical Management of Large Odontogenic Cysts of the Mandible. Journal of Craniofacial Surgery, 2019, 30, e658-e661.	0.7	14
48	Preparation, characterization, and binding profile of molecularly imprinted hydrogels for the peptide hepcidin. Journal of Polymer Science Part A, 2010, 48, 1721-1731.	2.3	13
49	Comparative Study Between Partial Inferior Turbinotomy and Microdebrider-Assisted Inferior Turbinoplasty. Journal of Craniofacial Surgery, 2015, 26, e235-e238.	0.7	13
50	Mandibular Surgical Navigation: An Innovative Guiding Method. Journal of Craniofacial Surgery, 2017, 28, 2122-2126.	0.7	13
51	Isolation, detection and identification of synthetic cannabinoids in alternative formulations or dosage forms. Forensic Chemistry, 2020, 18, 100227.	2.8	13
52	Fluorogenic displacement biosensors for PSA detection using antibody-functionalised quantum dot nanoparticles. RSC Advances, 2015, 5, 6595-6598.	3.6	12
53	Malignant tumours of the parotid gland: management of the neck (including the clinically negative) Tj ETQq1	1 0.784314 0.8	rgBT /Overlo 12
54	Recent progress in the imaging of câ€Met aberrant cancers with positron emission tomography. Medicinal Research Reviews, 2022, 42, 1588-1606.	10.5	12

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55	Design, Synthesis and in Vivo Evaluation of Novel Glycosylated Sulfonylureas as Antihyperglycemic Agents. Molecules, 2015, 20, 20063-20078.	3.8	11
56	Endoscope-Assisted Enucleation of Mandibular Odontogenic Keratocyst Tumors. Journal of Craniofacial Surgery, 2016, 27, 1404-1407.	0.7	11
57	The effect of <scp> <i>Banisteriopsis caapi</i> </scp> (<scp> <i>B.Âcaapi</i> </scp>) on the motor deficits in the MPTPâ€ŧreated common marmoset model of Parkinson's disease. Phytotherapy Research, 2018, 32, 678-687.	5.8	11
58	Effectiveness of endoscopic septoplasty in different types of nasal septal deformities: our experience with NOSE evaluation. Acta Otorhinolaryngologica Italica, 2018, 38, 323-330.	1.5	11
59	Effect of iron chelation on anti-pseudomonal activity of doxycycline. International Journal of Antimicrobial Agents, 2021, 58, 106438.	2.5	11
60	Inclusion complexes between cyclic siloxanes and cyclodextrins: synthesis and characterization. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2012, 74, 223-230.	1.6	10
61	In Vitro Phase I Metabolic Profiling of the Synthetic Cannabinoids AM-694, 5F-NNEI, FUB-APINACA, MFUBINAC, and AMB-FUBINACA. Chemical Research in Toxicology, 2020, 33, 1653-1664.	3.3	10
62	Advances in the detection of growth hormone releasing hormone synthetic analogs. Drug Testing and Analysis, 2021, 13, 1871-1887.	2.6	10
63	Manipulating the pH response of 2,3-diaminopropionic acid rich peptides to mediate highly effective gene silencing with low-toxicity. Journal of Controlled Release, 2013, 172, 929-938.	9.9	9
64	Macromolecular iron-chelators via RAFT-polymerization for the inhibition of methicillin-resistant Staphylococcus aureus growth. Polymer, 2016, 87, 64-72.	3.8	9
65	Proanthocyanidin trimer gallate modulates lipid deposition and fatty acid desaturation in <i>Caenorhabditis elegans</i> . FASEB Journal, 2017, 31, 4891-4902.	0.5	9
66	Soft, adhesive (+) alpha tocopherol phosphate planar bilayers that control oral biofilm growth through a substantive antimicrobial effect. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2307-2316.	3.3	9
67	Postoperative Management of Zygomatic Arch Fractures: In-House Rapid Prototyping System for the Manufacture of Protective Facial Shields. Journal of Craniofacial Surgery, 2019, 30, 2057-2060.	0.7	9
68	The First Reported Case of a Synthetic Cannabinoid Ethyl Ester Detected in a Postmortem Blood Toxicological Analysis. Journal of Analytical Toxicology, 2021, 44, 1052-1056.	2.8	9
69	NHS-Functionalized THP Derivative for Efficient Synthesis of Kit-Based Precursors for 68Ga Labeled PET Probes. Biomedicines, 2021, 9, 367.	3.2	9
70	In vitro proof of concept studies of radiotoxicity from Auger electron-emitter thallium-201. EJNMMI Research, 2021, 11, 63.	2.5	9
71	Targeted Auger electron-emitter therapy: Radiochemical approaches for thallium-201 radiopharmaceuticals. Nuclear Medicine and Biology, 2021, 98-99, 1-7.	0.6	9
72	Bifocal Mandibular Fractures. Journal of Craniofacial Surgery, 2012, 23, 1723-1727.	0.7	8

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73	Violence-related periorbital trauma with a retained foreign body: a case report. Journal of Medical Case Reports, 2016, 10, 16.	0.8	8
74	Pharmacokinetics of Mephedrone and Its Metabolites in Whole Blood and Plasma after Controlled Intranasal Administration to Healthy Human Volunteers. Journal of Analytical Toxicology, 2021, 45, 730-738.	2.8	8
75	Virtual Surgical Planning and the "In-House―Rapid Prototyping Technique in Maxillofacial Surgery: The Current Situation and Future Perspectives. Applied Sciences (Switzerland), 2021, 11, 1009.	2.5	8
76	Machine learning <i>vs.</i> field 3D-QSAR models for serotonin 2A receptor psychoactive substances identification. RSC Advances, 2021, 11, 14587-14595.	3.6	8
77	Radiomics Metrics Combined with Clinical Data in the Surgical Management of Early-Stage (cT1–T2 N0) Tongue Squamous Cell Carcinomas: A Preliminary Study. Biology, 2022, 11, 468.	2.8	8
78	Intra-articular loose osteochondroma of the temporomandibular joint. International Journal of Oral and Maxillofacial Surgery, 2012, 41, 1505-1508.	1.5	7
79	An artificial organosilicon receptor. Polymer Chemistry, 2012, 3, 2018.	3.9	7
80	Enzyme-Catalyzed Transetherification of Alkoxysilanes. Catalysts, 2013, 3, 27-35.	3.5	7
81	Solid-phase synthesis of Rhodamine-110 fluorogenic substrates and their application in forensic analysis. Analyst, The, 2016, 141, 2392-2395.	3.5	7
82	Treatment of Metastatic Eyelid Carcinoma. Journal of Craniofacial Surgery, 2017, 28, e722-e725.	0.7	7
83	Outcomes after eyeâ€sparing surgery vs orbital exenteration in patients with lacrimal gland carcinoma. Head and Neck, 2020, 42, 988-993.	2.0	7
84	The synthesis and properties of mitochondrial targeted iron chelators. BioMetals, 2023, 36, 321-337.	4.1	7
85	Functional Characterization of Fluorescent Hepcidin. Bioconjugate Chemistry, 2013, 24, 1527-1532.	3.6	6
86	Establishing evidence of contact transfer in criminal investigation by a novel â€~peptide coding' reagent. Talanta, 2015, 144, 1065-1069.	5.5	6
87	Synthesis and characterization of novel iron-specific bicyclic fluorescent probes. Sensors and Actuators B: Chemical, 2015, 213, 12-19.	7.8	6
88	Levator alae nasi muscle V–Y island flap for nasal tip reconstruction. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 432-435.	1.7	6
89	On-water pyrrolidine-mediated domino synthesis of 2-iminoisatins. Green Chemistry, 2018, 20, 3912-3915.	9.0	6
90	Self-Made Rapid Prototyping Technique for Orbital Floor Reconstruction. Journal of Craniofacial Surgery, 2019, 30, 2106-2110.	0.7	6

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91	iVS analysis to evaluate the impact of scaffold diversity in the binding to cellular targets relevant in cancer. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 44-50.	5.2	6
92	Pharmacokinetics of Mephedrone Enantiomers in Whole Blood after a Controlled Intranasal Administration to Healthy Human Volunteers. Pharmaceuticals, 2021, 14, 5.	3.8	6
93	Evidence of enzyme-mediated transesterification of synthetic cannabinoids with ethanol: potential toxicological impact. Forensic Toxicology, 2020, 38, 95-107.	2.4	5
94	The complexities associated with new psychoactive substances in influent wastewater: The case of 4â€ethylmethcathinone. Drug Testing and Analysis, 2020, 12, 1494-1500.	2.6	5
95	Transfer Learning for an Automated Detection System of Fractures in Patients with Maxillofacial Trauma. Applied Sciences (Switzerland), 2021, 11, 6293.	2.5	5
96	A Quantitative LC–MS/MS Method for the Detection of 16 Synthetic Cathinones and 10 Metabolites and Its Application to Suspicious Clinical and Forensic Urine Samples. Pharmaceuticals, 2022, 15, 510.	3.8	5
97	5-Hydroxypyran-4-one derivatives as potential therapeutic iron-chelating agents. ChemistrySelect, 2016, 1, 297-300.	1.5	4
98	Sinonasal mucosal melanoma extended to nose bridge: A one-time reconstruction treatment report. Oral and Maxillofacial Surgery Cases, 2018, 4, 1-5.	0.4	4
99	Design and synthesis of novel pegylated iron chelators with decreased metabolic rate. Future Medicinal Chemistry, 2015, 7, 2439-2449.	2.3	3
100	Midcheek endoscopic anatomy. Head and Neck, 2016, 38, E268-73.	2.0	3
101	Hand Doppler flowmetry for surgical planning of pedicled flap in extensive full-thickness scalp reconstruction. Surgical Oncology, 2020, 32, 49-56.	1.6	3
102	Dipeptide inhibitors of the prostate specific membrane antigen (PSMA): A comparison of urea and thiourea derivatives. Bioorganic and Medicinal Chemistry Letters, 2021, 42, 128044.	2.2	3
103	Excretion of mephedrone and its phase I metabolites in urine after a controlled intranasal administration to healthy human volunteers. Drug Testing and Analysis, 2022, 14, 741-746.	2.6	3
104	In Vitro Metabolic Study of Four Synthetic Cathinones: 4-MPD, 2-NMC, 4F-PHP and bk-EPDP. Metabolites, 2022, 12, 115.	2.9	3
105	Condylar Reshape in Orthognathic Surgery: Morphovolumetric and Densitometric Analysis Based on 3D Imaging and Digital Workflow. Journal of Maxillofacial and Oral Surgery, 2022, 21, 501-509.	1.4	3
106	Tumor model for surgical simulation to assess a minimally invasive endoscopic approach for midcheek mass removal. Surgical Oncology, 2017, 26, 286-289.	1.6	2
107	Fluorogenic substrates for the detection of saliva. Forensic Science International: Genetics Supplement Series, 2017, 6, e565-e567.	0.3	2
108	A Minimally Invasive Endoscopic Approach to Midcheek Mass. Journal of Craniofacial Surgery, 2018, 29, 757-760.	0.7	2

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109	Endoscopic approach for paranasal sinuses osteomas: Our experience and review of literature. Oral and Maxillofacial Surgery Cases, 2019, 5, 100094.	0.4	2
110	Application of a computer navigation system in the treatment of silent sinus syndrome: Case reports and technical note. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 783-808.	1.0	2
111	A Comparative Study of Different Administrations of Nebulized Hyaluronic Acid After Endoscopic Endonasal Surgery for Chronic Rhinosinusitis. Indian Journal of Otolaryngology and Head and Neck Surgery, 2022, 74, 1037-1043.	0.9	2
112	The use of Personal Protective Equipment during the COVID-19 pandemic: The effects on surgical wounds healing after parotid gland surgery. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 3443-3476.	1.0	2
113	Pre-Treatment Neutrophil-to-Lymphocyte and Platelet-to-Lymphocyte Ratios as Predictors of Occult Cervical Metastasis in Clinically Negative Neck Supraglottic and Glottic Cancer. Journal of Personalized Medicine, 2021, 11, 1252.	2.5	2
114	Facial Soft Tissue Ptosis: A Quantitative Analysis using 3d Facial Scan App For iPhone. Journal of Maxillofacial and Oral Surgery, 0, , 1.	1.4	2
115	Toward Bifunctional Chelators for Thallium-201 for Use in Nuclear Medicine. Bioconjugate Chemistry, 2022, 33, 1422-1436.	3.6	2
116	Poly(N-isopropylacrylamide) gel beads prepared by waterin- oil suspension polymerization for the adsorption of fluorescently tagged hepcidin. E-Polymers, 2009, 9, .	3.0	1
117	Anti-doping: Two Scientists' Points of View. Chemistry International, 2020, 42, 8-11.	0.3	1
118	In vivo lipid saturation study of C. elegans using quantitative broadband coherent anti-Stokes Raman imaging (Conference Presentation). , 2016, , .		0
119	Solid-Phase Synthesis and In-Silico Analysis of Iron-Binding Catecholato Chelators. International Journal of Molecular Sciences, 2020, 21, 7498.	4.1	0
120	Psychoactive Designer Drugs: Classes, Mechanisms, Regulation. , 2021, , 1-17.		0
121	Head and neck cancer management in the Covid-19 era: Our experience. Advances in Oral and Maxillofacial Surgery, 2021, 2, 100041.	0.3	0
122	Towards identifying nicomorphine administration in doping control: synthesis of metabolites. Bioanalysis, 2021, 13, 1415-1425.	1.5	0
123	Novel synthetic opioids. , 2022, , 447-474.		0
124	Psychoactive Designer Drugs: Classes, Mechanisms, and Regulation. , 2021, , 1109-1125.		0
125	Nodular fasciitis in cervicofacial region: a rare case description and literature review. Oral Surgery, 0, , .	0.2	0
126	Soft Air Bullet in the Pterygopalatine Fossa: A Minimally Invasive Endoscopic Approach for Safe Extraction. Journal of Maxillofacial and Oral Surgery, 0, , .	1.4	0

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127	Special Issue "New Frontiers in Facial Surgery― Journal of Clinical Medicine, 2022, 11, 3082.	2.4	Ο
128	Front Cover Image, Volume 42, Issue 4. Medicinal Research Reviews, 2022, 42, .	10.5	0