

# Yong S Gho

## List of Publications by Year in descending order

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109  
papers

24,449  
citations

17440

63  
h-index

25787

108  
g-index

111  
all docs

111  
docs citations

111  
times ranked

27329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	12.2	6,961
2	Minimal experimental requirements for definition of extracellular vesicles and their functions: a position statement from the International Society for Extracellular Vesicles. <i>Journal of Extracellular Vesicles</i> , 2014, 3, 26913.	12.2	2,110
3	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450.	5.6	1,064
4	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	12.2	1,020
5	Bioinspired Exosome-Mimetic Nanovesicles for Targeted Delivery of Chemotherapeutics to Malignant Tumors. <i>ACS Nano</i> , 2013, 7, 7698-7710.	14.6	768
6	Gram-positive bacteria produce membrane vesicles: Proteomics-based characterization of <i>Staphylococcus aureus</i> -derived membrane vesicles. <i>Proteomics</i> , 2009, 9, 5425-5436.	2.2	532
7	<i>Akkermansia muciniphila</i> -derived extracellular vesicles influence gut permeability through the regulation of tight junctions. <i>Experimental and Molecular Medicine</i> , 2018, 50, e450-e450.	7.7	455
8	Proteomics, transcriptomics and lipidomics of exosomes and ectosomes. <i>Proteomics</i> , 2013, 13, 1554-1571.	2.2	416
9	Extracellular Vesicles Derived from Gut Microbiota, Especially <i>Akkermansia muciniphila</i> , Protect the Progression of Dextran Sulfate Sodium-Induced Colitis. <i>PLoS ONE</i> , 2013, 8, e76520.	2.5	407
10	EVpedia: an integrated database of high-throughput data for systemic analyses of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	12.2	401
11	Endostatin Blocks Vascular Endothelial Growth Factor-mediated Signaling via Direct Interaction with KDR/Flk-1. <i>Journal of Biological Chemistry</i> , 2002, 277, 27872-27879.	3.4	367
12	Colorectal cancer cell-derived microvesicles are enriched in cell cycle-related mRNAs that promote proliferation of endothelial cells. <i>BMC Genomics</i> , 2009, 10, 556.	2.8	361
13	Importance of exosome depletion protocols to eliminate functional and RNA-containing extracellular vesicles from fetal bovine serum. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	12.2	353
14	Global proteomic profiling of native outer membrane vesicles derived from <i>Escherichia coli</i> . <i>Proteomics</i> , 2007, 7, 3143-3153.	2.2	352
15	Proteomics of extracellular vesicles: Exosomes and ectosomes. <i>Mass Spectrometry Reviews</i> , 2015, 34, 474-490.	5.4	336
16	Bacterial outer membrane vesicles suppress tumor by interferon- $\beta$ -mediated antitumor response. <i>Nature Communications</i> , 2017, 8, 626.	12.8	329
17	Microfluidic filtration system to isolate extracellular vesicles from blood. <i>Lab on A Chip</i> , 2012, 12, 5202.	6.0	325
18	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	4.1	317

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19	A novel community driven software for functional enrichment analysis of extracellular vesicles data. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1321455.	12.2	314
20	Gram-negative and Gram-positive bacterial extracellular vesicles. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 97-104.	5.0	307
21	Large oncosomes contain distinct protein cargo and represent a separate functional class of tumor-derived extracellular vesicles. <i>Oncotarget</i> , 2015, 6, 11327-11341.	1.8	289
22	Proteomics in gram-negative bacterial outer membrane vesicles. <i>Mass Spectrometry Reviews</i> , 2008, 27, 535-555.	5.4	288
23	Proteomic analysis of outer membrane vesicles derived from <i>Pseudomonas aeruginosa</i> . <i>Proteomics</i> , 2011, 11, 3424-3429.	2.2	209
24	Extracellular membrane vesicles from tumor cells promote angiogenesis via sphingomyelin. <i>Cancer Research</i> , 2002, 62, 6312-7.	0.9	206
25	Extracellular vesicles as emerging intercellular comunicasomes. <i>BMB Reports</i> , 2014, 47, 531-539.	2.4	199
26	RNAi delivery by exosome-mimetic nanovesicles – Implications for targeting c-Myc in cancer. <i>Biomaterials</i> , 2016, 102, 231-238.	11.4	188
27	Noninvasive imaging of radiolabeled exosome-mimetic nanovesicle using <sup>99m</sup> Tc-HMPAO. <i>Scientific Reports</i> , 2015, 5, 15636.	3.3	186
28	Updating the MISEV minimal requirements for extracellular vesicle studies: building bridges to reproducibility. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1396823.	12.2	185
29	Proteomic Analysis of Microvesicles Derived from Human Colorectal Cancer Cells. <i>Journal of Proteome Research</i> , 2007, 6, 4646-4655.	3.7	176
30	Staphylococcus aureus Extracellular Vesicles Carry Biologically Active $\beta$ -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2589-2595.	3.2	172
31	Small RNA deep sequencing discriminates subsets of extracellular vesicles released by melanoma cells – Evidence of unique microRNA cargos. <i>RNA Biology</i> , 2015, 12, 810-823.	3.1	164
32	Formation of a protein corona on the surface of extracellular vesicles in blood plasma. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12140.	12.2	150
33	Outer Membrane Vesicles Derived from Escherichia coli Induce Systemic Inflammatory Response Syndrome. <i>PLoS ONE</i> , 2010, 5, e11334.	2.5	150
34	A brief history of nearly EV-everything – The rise and rise of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12144.	12.2	150
35	Proteome analysis of outer membrane vesicles from a clinical <i>Acinetobacter baumannii</i> isolate. <i>FEMS Microbiology Letters</i> , 2009, 297, 150-156.	1.8	149
36	Proteomic analysis of microvesicles derived from human colorectal cancer ascites. <i>Proteomics</i> , 2011, 11, 2745-2751.	2.2	147

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37	Gut microbe-derived extracellular vesicles induce insulin resistance, thereby impairing glucose metabolism in skeletal muscle. <i>Scientific Reports</i> , 2015, 5, 15878.	3.3	140
38	Immunization with <i>Escherichia coli</i> Outer Membrane Vesicles Protects Bacteria-Induced Lethality via Th1 and Th17 Cell Responses. <i>Journal of Immunology</i> , 2013, 190, 4092-4102.	0.8	134
39	Subpopulations of extracellular vesicles from human metastatic melanoma tissue identified by quantitative proteomics after optimized isolation. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1722433.	12.2	130
40	<i>Staphylococcus aureus</i> -derived extracellular vesicles induce neutrophilic pulmonary inflammation via both Th1 and Th17 cell responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 1271-1281.	5.7	126
41	In vivo Kinetic Biodistribution of Nano-Sized Outer Membrane Vesicles Derived from Bacteria. <i>Small</i> , 2015, 11, 456-461.	10.0	118
42	Endosomal signalling via exosome surface TGF $\beta$ 1. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1650458.	12.2	112
43	High-yield isolation of extracellular vesicles using aqueous two-phase system. <i>Scientific Reports</i> , 2015, 5, 13103.	3.3	111
44	Two distinct extracellular RNA signatures released by a single cell type identified by microarray and next-generation sequencing. <i>RNA Biology</i> , 2017, 14, 58-72.	3.1	111
45	Quantitative proteomics of extracellular vesicles derived from human primary and metastatic colorectal cancer cells. <i>Journal of Extracellular Vesicles</i> , 2012, 1, .	12.2	108
46	Active Immunization with Extracellular Vesicles Derived from <i>Staphylococcus aureus</i> Effectively Protects against Staphylococcal Lung Infections, Mainly via Th1 Cell-Mediated Immunity. <i>PLoS ONE</i> , 2015, 10, e0136021.	2.5	108
47	Vaccination with <i>Klebsiella pneumoniae</i> -derived extracellular vesicles protects against bacteria-induced lethality via both humoral and cellular immunity. <i>Experimental and Molecular Medicine</i> , 2015, 47, e183-e183.	7.7	101
48	Proteomic profiling of Gram-negative bacterial outer membrane vesicles: Current perspectives. <i>Proteomics - Clinical Applications</i> , 2016, 10, 897-909.	1.6	101
49	BRAF <sup>V600</sup> inhibition alters the microRNA cargo in the vesicular secretome of malignant melanoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5930-E5939.	7.1	101
50	EVpedia: A community web resource for prokaryotic and eukaryotic extracellular vesicles research. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 4-7.	5.0	99
51	Exosomes in the nose induce immune cell trafficking and harbour an altered protein cargo in chronic airway inflammation. <i>Journal of Translational Medicine</i> , 2016, 14, 181.	4.4	97
52	Epstein-Barr Virus-Encoded MicroRNA BART15-3p Promotes Cell Apoptosis Partially by Targeting BRUCE. <i>Journal of Virology</i> , 2013, 87, 8135-8144.	3.4	94
53	An Important Role of $\beta$ -Hemolysin in Extracellular Vesicles on the Development of Atopic Dermatitis Induced by <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2014, 9, e100499.	2.5	91
54	Structural modifications of outer membrane vesicles to refine them as vaccine delivery vehicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 2150-2159.	2.6	90

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55	Proteomic analysis of extracellular vesicles derived from <i>Mycobacterium tuberculosis</i> . <i>Proteomics</i> , 2015, 15, 3331-3337.	2.2	90
56	Human CC chemokine CCL23, a ligand for CCR1, induces endothelial cell migration and promotes angiogenesis. <i>Cytokine</i> , 2005, 30, 254-263.	3.2	84
57	Identification and characterization of proteins isolated from microvesicles derived from human lung cancer pleural effusions. <i>Proteomics</i> , 2013, 13, 2125-2134.	2.2	84
58	Bacterial Protoplast-Derived Nanovesicles as Vaccine Delivery System against Bacterial Infection. <i>Nano Letters</i> , 2015, 15, 266-274.	9.1	80
59	<i>In Vivo</i> Differentiation of Therapeutic Insulin-Producing Cells from Bone Marrow Cells <i>via</i> Extracellular Vesicle-Mimetic Nanovesicles. <i>ACS Nano</i> , 2015, 9, 11718-11727.	14.6	78
60	Pulmonary Inflammation Induced by Bacteria-Free Outer Membrane Vesicles from <i>Pseudomonas aeruginosa</i> . <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 637-645.	2.9	75
61	A membranous form of ICAM-1 on exosomes efficiently blocks leukocyte adhesion to activated endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 251-256.	2.1	71
62	Angiogenic activity of human CC chemokine CCL15 in vitro and in vivo. <i>FEBS Letters</i> , 2004, 570, 47-51.	2.8	69
63	Comparative interactomes of SIRT6 and SIRT7: Implication of functional links to aging. <i>Proteomics</i> , 2014, 14, 1610-1622.	2.2	69
64	The Protein Interaction Network of Extracellular Vesicles Derived from Human Colorectal Cancer Cells. <i>Journal of Proteome Research</i> , 2012, 11, 1144-1151.	3.7	66
65	Extracellular vesicles, especially derived from Gram-negative bacteria, in indoor dust induce neutrophilic pulmonary inflammation associated with both Th1 and Th17 cell responses. <i>Clinical and Experimental Allergy</i> , 2013, 43, 443-454.	2.9	66
66	Bacterial protoplast-derived nanovesicles for tumor targeted delivery of chemotherapeutics. <i>Biomaterials</i> , 2017, 113, 68-79.	11.4	66
67	Emergent properties of extracellular vesicles: a holistic approach to decode the complexity of intercellular communication networks. <i>Molecular BioSystems</i> , 2017, 13, 1291-1296.	2.9	64
68	Extracellular vesicle mimetics: Novel alternatives to extracellular vesicle-based theranostics, drug delivery, and vaccines. <i>Seminars in Cell and Developmental Biology</i> , 2017, 67, 74-82.	5.0	63
69	Therapeutic Effects of Autologous Tumor-Derived Nanovesicles on Melanoma Growth and Metastasis. <i>PLoS ONE</i> , 2012, 7, e33330.	2.5	58
70	Outer Membrane Vesicles Derived from <i>Escherichia coli</i> Up-Regulate Expression of Endothelial Cell Adhesion Molecules In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e59276.	2.5	52
71	Circulating Extracellular Vesicles in Cancer Diagnosis and Monitoring. <i>Molecular Diagnosis and Therapy</i> , 2013, 17, 265-271.	3.8	51
72	Outer Membrane Vesicles Derived From <i>Escherichia coli</i> Regulate Neutrophil Migration by Induction of Endothelial IL-8. <i>Frontiers in Microbiology</i> , 2018, 9, 2268.	3.5	48

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73	Extracellular Vesicles Derived from Gram-Negative Bacteria, such as <i>Escherichia coli</i> , Induce Emphysema Mainly via IL-17A-Mediated Neutrophilic Inflammation. <i>Journal of Immunology</i> , 2015, 194, 3361-3368.	0.8	45
74	Extracellular Vesicle-Mimetic Ghost Nanovesicles for Delivering Anti-Inflammatory Drugs to Mitigate Gram-Negative Bacterial Outer Membrane Vesicle-Induced Systemic Inflammatory Response Syndrome. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801082.	7.6	45
75	Sepsis-Like Systemic Inflammation Induced by Nano-Sized Extracellular Vesicles From Feces. <i>Frontiers in Microbiology</i> , 2018, 9, 1735.	3.5	45
76	Could bioengineered exosome-mimetic nanovesicles be an efficient strategy for the delivery of chemotherapeutics?. <i>Nanomedicine</i> , 2014, 9, 177-180.	3.3	39
77	Highlights of the São Paulo ISEV workshop on extracellular vesicles in cross-kingdom communication. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1407213.	12.2	38
78	Egr-1 Activation by Cancer-Derived Extracellular Vesicles Promotes Endothelial Cell Migration via ERK1/2 and JNK Signaling Pathways. <i>PLoS ONE</i> , 2014, 9, e115170.	2.5	36
79	Toll-Like Receptors 2 and 4 Modulate Pulmonary Inflammation and Host Factors Mediated by Outer Membrane Vesicles Derived from <i>Acinetobacter baumannii</i> . <i>Infection and Immunity</i> , 2019, 87, .	2.2	34
80	Fibronectin-Containing Extracellular Vesicles Protect Melanocytes against Ultraviolet Radiation-Induced Cytotoxicity. <i>Journal of Investigative Dermatology</i> , 2016, 136, 957-966.	0.7	32
81	Comparison of confocal microscopy and two-photon microscopy in mouse cornea in vivo. <i>Experimental Eye Research</i> , 2015, 132, 101-108.	2.6	30
82	Cdk5 Phosphorylates Dopamine D2 Receptor and Attenuates Downstream Signaling. <i>PLoS ONE</i> , 2013, 8, e84482.	2.5	27
83	Quantitative proteomic analysis of trypsin-treated extracellular vesicles to identify the real vesicular proteins. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1757209.	12.2	27
84	Extracellular vesicles derived from the periodontal pathogen <i>Filifactor alocis</i> induce systemic bone loss through Toll-like receptor 2. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12157.	12.2	26
85	Three-Dimensional Imaging of Hepatic Sinusoids in Mice Using Synchrotron Radiation Micro-Computed Tomography. <i>PLoS ONE</i> , 2013, 8, e68600.	2.5	25
86	Perturbation of NCOA6 Leads to Dilated Cardiomyopathy. <i>Cell Reports</i> , 2014, 8, 991-998.	6.4	24
87	In vivo visualization of skin inflammation by optical coherence tomography and two-photon microscopy. <i>Biomedical Optics Express</i> , 2015, 6, 2512.	2.9	21
88	Moxifloxacin: Clinically compatible contrast agent for multiphoton imaging. <i>Scientific Reports</i> , 2016, 6, 27142.	3.3	21
89	Isolation of Extracellular Vesicles for Proteomic Profiling. <i>Methods in Molecular Biology</i> , 2015, 1295, 167-177.	0.9	21
90	The International Society for Extracellular Vesicles launches the first massive open online course on extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 34299.	12.2	19

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91	Embryonic stem cell-derived extracellular vesicle-mimetic nanovesicles rescue erectile function by enhancing penile neurovascular regeneration in the streptozotocin-induced diabetic mouse. <i>Scientific Reports</i> , 2019, 9, 20072.	3.3	17
92	Extracellular vesicles from in vivo liver tissue accelerate recovery of liver necrosis induced by carbon tetrachloride. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12133.	12.2	17
93	Effect of Concentrated Fibroblast-Conditioned Media on In Vitro Maintenance of Rat Primary Hepatocyte. <i>PLoS ONE</i> , 2016, 11, e0148846.	2.5	17
94	Bioinformatics Tools for Extracellular Vesicles Research. <i>Methods in Molecular Biology</i> , 2017, 1545, 189-196.	0.9	16
95	Drug Repositioning to Alleviate Systemic Inflammatory Response Syndrome Caused by Gram-Negative Bacterial Outer Membrane Vesicles. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701476.	7.6	16
96	Antiplasmin Activity of a Peptide That Binds to the Receptor-binding Site of Angiogenin. <i>Journal of Biological Chemistry</i> , 2002, 277, 9690-9694.	3.4	15
97	Journal of extracellular vesicles: the seven year itch!. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1654729.	12.2	15
98	Role of inducible nitric oxide synthase on the development of virus-associated asthma exacerbation which is dependent on Th1 and Th17 cell responses. <i>Experimental and Molecular Medicine</i> , 2010, 42, 721.	7.7	14
99	Pericyte-Derived Extracellular Vesicle-Mimetic Nanovesicles Restore Erectile Function by Enhancing Neurovascular Regeneration in a Mouse Model of Cavernous Nerve Injury. <i>Journal of Sexual Medicine</i> , 2020, 17, 2118-2128.	0.6	11
100	Isolation of Extracellular Vesicles for Proteomic Profiling. <i>Methods in Molecular Biology</i> , 2021, 2261, 193-206.	0.9	11
101	Cell-Engineered Nanovesicle as a Surrogate Inducer of Contact-Dependent Stimuli. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700381.	7.6	9
102	Indoor dust extracellular vesicles promote cancer lung metastasis by inducing tumour necrosis factor- $\alpha$ . <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1766821.	12.2	9
103	Special issue on the role of extracellular vesicles in human diseases. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-2.	7.7	4
104	Direct differentiation of bone marrow mononucleated cells into insulin producing cells using pancreatic $\beta$ -cell-derived components. <i>Scientific Reports</i> , 2019, 9, 5343.	3.3	4
105	Pericyte-derived extracellular vesicles-mimetic nanovesicles improves peripheral nerve regeneration in mouse models of sciatic nerve transection. <i>International Journal of Molecular Medicine</i> , 2021, 49, .	4.0	3
106	RNA-sequencing profiling analysis of pericyte-derived extracellular vesicle-mimetic nanovesicles-regulated genes in primary cultured fibroblasts from normal and Peyronie's disease penile tunica albuginea. <i>BMC Urology</i> , 2021, 21, 103.	1.4	2
107	Transglutaminase 2 induces intrinsic EGFR-TKI resistance in NSCLC harboring EGFR sensitive mutations. <i>American Journal of Cancer Research</i> , 2019, 9, 1708-1721.	1.4	2
108	Endogenous Radionanomedicine: Extracellular Vesicles. <i>Biological and Medical Physics Series</i> , 2018, , 127-140.	0.4	1

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109	Outer Membrane Vesicles: In vivo Kinetic Biodistribution of Nano-Sized Outer Membrane Vesicles Derived from Bacteria (Small 4/2015). Small, 2015, 11, 386-386.	10.0	0