

REF 2014: Research outputs (REF2) (sorted by title)

3B – Allied Health Professions, Dentistry, Nursing and Pharmacy: Biomedical Sciences

[1H NMR metabolomics investigation of an Alzheimer's disease \(AD\) mouse model pinpoints important biochemical disturbances in brain and plasma.](#) *Metabolomics*, 9 (5). p. 974. [Journal article]

[A complex 3D human tissue culture system based on mammary stromal cells and silk scaffolds for modeling breast morphogenesis and function.](#) *Biomaterials*, 31 (14). p. 3920. [Journal article]

[A dose-finding trial of the effect of long-term folic acid intervention: implications for food fortification policy.](#) *American Journal of Clinical Nutrition*, 93 . pp. 11-18. [Journal article]

[A DPP-IV-resistant triple-acting agonist of GIP, GLP-1 and glucagon receptors with potent glucose-lowering and insulinotropic actions in high-fat-fed mice.](#) *Diabetologia*, 56 (6). pp. 1417-1424. [Journal article]

[A dynamic model of the hypoxia-inducible factor 1 \(HIF-1 \) network.](#) *Journal of Cell Science*, 126 (6). p. 1454. [Journal article]

[A Multifunctional Tripodal Fluorescent Probe: ``Off-On'' Detection of Sodium as well as Two-input AND Molecular Logic Behavior.](#) *ORGANIC LETTERS*, 11 (11). pp. 2229-2232. [Journal article]

[A nanoparticle based chromogenic chemosensor for the simultaneous detection of multiple analytes.](#) *CHEMICAL COMMUNICATIONS* (40). pp. 4900-4902. [Journal article]

[A novel GIP-Oxyntomodulin hybrid peptide acting through GIP, glucagon and GLP-1 receptors exhibits weight reducing and anti-diabetic properties.](#) *Biochemical Pharmacology*, 85 (11). pp. 1655-1662. [Journal article]

[A novel GLP-1/glucagon hybrid peptide with triple-acting agonist activity at GIP, GLP-1 and glucagon receptors and therapeutic potential in high-fat fed mice.](#) *Journal of Biological Chemistry*, 288 (49). pp. 35581-35591. [Journal article]

[A Prospective Study of Spherical Refractive Error and Ocular Components Among Northern Irish Schoolchildren \(The NICER Study\).](#) *Investigative Ophthalmology & Visual Science*, 54 (7). p. 4843. [Journal article]

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[An ``off-on'' sensor for fluoride using luminescent CdSe/ZnS quantum dots.](#) *CHEMICAL COMMUNICATIONS* (6). pp. 686-688. [Journal article]

[An anti-diabetes agent protects the mouse brain from defective insulin signaling caused by Alzheimer's disease-associated A \$\beta\$ oligomers.](#) *The Journal of clinical investigation*, 122 (4). pp. 1339-53. [Journal article]

[An Expanded Multilocus Sequence Typing Scheme for *Propionibacterium acnes*: Investigation of 'Pathogenic', 'Commensal' and Antibiotic Resistant Strains.](#) *PLoS ONE*, 7 (7). e41480. [Journal article]

[An increased incidence of *Propionibacterium acnes* biofilms in *acne vulgaris*: a case-control study.](#) *British Journal of Dermatology*, 167 (1). pp. 50-58. [Journal article]

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